Decca Radar Canada offers a range of proven products, technological experience, and a Canadian design and production capability as follows:

**MARINE**

MARINE RADAR  
RADAR ANCILLARY EQUIPMENT  
HARBOUR RADAR SYSTEMS  
MARINE TRAFFIC CONTROL SYSTEMS  
MARINE AUTOPILOTS AND STEERING SYSTEMS  
NAVIGATIONAL AIDS  
ENGINE ROOM AUTOMATION SYSTEMS  
OCEANOGRAPHIC EQUIPMENT

**AVIONICS**

AIRBORNE DOPPLER NAVIGATION SYSTEMS  
AIRPORT SURFACE MOVEMENT INDICATION RADARS  
NON-DIRECTIONAL M.F. BEACONS  
SPECIAL PURPOSE RADAR SYSTEMS

**INDUSTRIAL AND SCIENTIFIC**

MICROWAVE INSTRUMENTS  
WAVEGUIDE AND CO-AXIAL COMPONENTS  
FERRITE DEVICES  
THIN-FILM AND THICK-FILM HYBRID MICROELECTRONICS  
ELECTRON SPIN RESONANCE SPECTROMETERS  
NUCLEAR QUADRUPLRE RESONANCE SPECTROMETERS  
LASER VELOCIMETERS

**RADIO TRANSMISSION**

ANTENNA LIGHTING TRANSFORMERS  
ANTENNA GUY STRAIN INSULATORS  
ANTENNA BASE INSULATORS

SYSTEMS STUDIES & MANAGEMENT  
SYSTEMS DESIGN & ENGINEERING  
INSTALLATION  
MAINTENANCE  
OVERHAUL  
COMPONENT AND EQUIPMENT DEVELOPMENT AND MANUFACTURE
A Complete Line of Insulation Equipment for Antenna Masts and Towers

- Austin insulators were first manufactured by A.O. Austin of Barberton Ohio who, with 60 years of experience in the insulator field, gained a worldwide reputation for the highest quality radio tower and mast insulators. The entire plant, inventory and engineering designs were purchased by Decca Radar and moved to our modern production facilities in Toronto in early 1971.

- A brief listing of these quality products follows – further detailed information available on request.

**GUY STRAIN INSULATORS**

Ranging from ceramic rod type (for light duty) through pre-loaded and spring loaded oil filled safety core designs for working loads of a few thousand pounds to several hundred thousand pounds. All are fitted with voltage controls and rain shield for operation at high RF voltage.

**BASE INSULATORS**

Oil filled with voltage controls, rain shield and optional lightning gap. Types available for self-supporting and guyed structures with working loads to several million pounds. All feature long smooth surface path to minimize RF loss.

**LIGHTING TRANSFORMERS**

For high RF working voltage and operation with steady and flashing lighting loads of a few hundred watts up to 15,000 watts. Suitable for outdoor or inside use – lightning gap optional.

AUSTIN INSULATOR DIVISION

DECCA RADAR CANADA (1967) LIMITED

23 Six Point Road, Toronto 18, Ontario.

Telephone: (416) 239-1161 Telex: 02-2098 Cables: Decradar Toronto

JULY 1971
Base Insulators...
Guy Strain Insulators...
Lighting Transformers...
ALWAYS AVAILABLE!
Now Located in Canada

AUSTIN Still the Best Insulators after 40 years of PROVEN SERVICE

AUSTIN INSULATOR DIVISION
23 Six Point Road, Toronto 18, Ontario.

DECCA RADAR CANADA (1967) LIMITED
Telephone: (416) 239-1161 Telex: 02-2098
SPECIFICATION DETAILS

WHEN READING INSULATOR SPECIFICATIONS, IN CONNECTION WITH THEIR USE ON RADIO TOWERS OR MASTS, IT IS IMPORTANT THAT THE SAME INTERPRETATION OF THE VARIOUS TERMS BEING USED IS UNDERSTOOD BY ALL CONCERNED.

THE FOLLOWING ARE THE MEANING OF TERMS USED IN AUSTIN LITERATURE. IF YOU APPLY ANY OTHER INTERPRETATION PLEASE PROVIDE FULL DETAILS WHEN REQUESTING A PROPOSAL OR QUOTATION.

DEFINITIONS:

MAXIMUM WORKING DOWNLOAD (SELF SUPPORTING TOWERS OR GUYED MASTS)

THIS IS THE VERTICAL (DOWNWARD) THRUST IN LINE WITH THE LONGITUDINAL AXIS OF THE INSULATOR UNDER THE WORST CONDITION OF WIND AND/OR ICE LOAD ANTICIPATED. IT IS NOT THE STILL AIR, NO ICE, LOAD WHICH RESULTS SOLELY FROM THE WEIGHT OF THE TOWER OR MAST AND GUYS PLUS INITIAL GUY TENSION.

MAXIMUM WORKING UPLIFT (APPLICABLE TO SELF SUPPORTING TOWERS ONLY)

NORMALLY A TOWER LEG INSULATOR IS SUBJECTED ONLY TO A DOWNLOAD. IF WIND FORCES ARE ACTING ON THE TOWER THE LOAD DISTRIBUTION ON THE LEGS BECOMES UNEVEN, SHEAR FORCES ARE INTRODUCED AND UNDER EXTREME CONDITIONS THERE MAY BE A GREATLY INCREASED DOWNLOAD ON ONE OR MORE LEGS AND A NEGATIVE LOAD (UPLIFT) ON THE OTHERS. MAXIMUM WORKING UPLIFT IS THE MAXIMUM UPLIFT, IN LINE WITH THE LONGITUDINAL AXIS OF THE INSULATOR, EXPECTED TO BE EXPERIENCED BY ANY INSULATOR UNDER THE WORST CONDITION OF WIND AND ICE LOAD.

MAXIMUM WORKING SHEAR LOAD (TOWERS AND GUYED MASTS)

THIS IS THE MAXIMUM FORCE LIKELY TO BE APPLIED TO THE INSULATOR, NORMAL TO THE LONGITUDINAL AXIS OF THE INSULATOR, UNDER THE WORST CONDITION OF WIND (AND ICE) LOAD.

SAFETY FACTOR (ULTIMATE STRENGTH)

SAFETY FACTOR IS RELATED TO MAXIMUM WORKING LOAD OR ELSE AN ULTIMATE STRENGTH SHOULD BE SPECIFIED. IF A LOAD EXCEEDING THE ULTIMATE STRENGTH OR MAXIMUM WORKING LOAD TIMES SAFETY FACTOR IS APPLIED, MECHANICAL FAILURE MAY OCCUR.

IT WILL GREATLY ASSIST US TO ENSURE WE OFFER THE MOST EFFECTIVE PROPOSAL IF YOU WOULD COMPLETE THE APPROPRIATE SECTION(S) OF THE ENCLOSED DATA SHEETS WHEN STATING YOUR REQUIREMENTS.

THANK YOU.

L.J. DENNETT
SPECIFICATION

NOTE: IF MORE THAN ONE MAST OR TOWER IS USED, AS IN A DIRECTIONAL ARRAY, PLEASE GIVE THE INFORMATION REQUESTED FOR EACH ONE AND INDICATE HOW THE TRANSMITTER POWER IS DIVIDED.

SECTION I: GENERAL (Required in all cases)

TYPE OF RADIATOR: ______ GUYED MAST ______ SELF SUPPORTING TOWER
OPERATING FREQUENCY: _______ KHz.
HEIGHT: __________
BASE IMPEDANCE ______ RESISTANCE ______ REACTANCE ______
TRANSMITTER POWER: __________

SECTION II: BASE INSULATOR (Complete this section for a guyed mast)

MAXIMUM WORKING DOWNLOAD: __________
MAXIMUM WORKING SHEAR LOAD: __________
SAFETY FACTOR REQUIRED: ______ TIMES MAXIMUM WORKING LOAD
IS SPARK (LIGHTNING) GAP REQUIRED? ______ NO ______ YES

SECTION III: BASE INSULATOR (Complete this section for a self supporting tower)

HOW MANY TOWER LEGS? ______ THREE ______ FOUR
MAXIMUM WORKING DOWNLOAD, EACH LEG: __________
MAXIMUM WORKING UPLIFT, EACH LEG: __________
MAXIMUM WORKING SHEAR LOAD, EACH LEG: __________
SAFETY FACTOR REQUIRED: ______ TIMES MAXIMUM WORKING LOAD
IS SPARK (LIGHTNING) GAP REQUIRED? ______ NO ______ YES
SECTION IV: GUY STRAIN INSULATORS

NUMBER OF GUY POSITIONS: __________

NUMBER OF GUYS AT EACH POSITION: __________

SAFETY FACTOR REQUIRED: ______ TIMES MAXIMUM WORKING LOAD

INSULATORS REQUIRED:

<table>
<thead>
<tr>
<th>GUY POSITION</th>
<th>NUMBER OF INSULATORS REQUIRED</th>
<th>MAXIMUM WORKING LOAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
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<td>4</td>
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<td>6</td>
<td></td>
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<tr>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION V: LIGHTING TRANSFORMER

SINGLE PHASE PRIMARY SUPPLY VOLTAGE: _______ VOLTS

FREQUENCY OF SUPPLY VOLTAGE: _______ Hz.

SECONDARY VOLTAGE REQUIRED: _______ VOLTS

TOTAL LAMP LOAD: _______ K.V.A.

IS (SPARK) LIGHTNING GAP REQUIRED? _______ NO _______ YES
**SECTION VI: INITIAL SELECTION**

IF STANDARD AUSTIN TYPE NUMBERS HAVE BEEN TENTATIVELY SELECTED PLEASE INDICATE BELOW:

A. BASE INSULATOR: ________________________________________________________________

B. LIGHTING TRANSFORMER: __________________________________________________________

C. GUY STRAINS:

<table>
<thead>
<tr>
<th>GUY POSITION</th>
<th>QUANTITY REQUIRED</th>
<th>TYPE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
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<tr>
<td>5</td>
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<tr>
<td>6</td>
<td></td>
<td></td>
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<tr>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

COMMENTS:
________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

CUSTOMER NAME ____________________________ CONTACT __________________________

*For further information contact ....*
DECCA RADAR
AUSTIN INSULATOR DIVISION

AUSTIN GUY STRAIN INSULATOR
TYPE A0A1

Style A0A1–A without rain shield or voltage controls – for light RF duty.

Style A0A1–B with rain shield and voltage control at one end.

Style A0A1–C with rain shield and voltage controls for high RF voltage.

DETAILS OF AUSTIN OIL-FILLED SAFETY CORE GUY STRAIN INSULATORS FOR HIGH MECHANICAL LOADS AND HIGH RF VOLTAGE AVAILABLE ON REQUEST

1 MAY 1971
AUSTIN GUY STRAIN INSULATOR - TYPE AOA1

DIMENSIONS

NOTE 1: RAIN SHIELD AND VOLTAGE CONTROLS SUPPLIED UNASSEMBLED TO INSULATOR AND ARE COMPLETE WITH CLAMPING RING FOR SCREWDRIVER ATTACHMENT.

NOTE 2: 1/4" BONDING SCREWS AND WASHERS SUPPLIED.

<table>
<thead>
<tr>
<th>STYLE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOA1-C</td>
<td>21-3/4&quot;</td>
<td>20&quot;</td>
<td>13-3/4&quot;</td>
<td>9-1/2&quot;</td>
<td>1-1/2&quot; dia.</td>
<td>6-1/2&quot; dia.</td>
<td>2-1/2&quot; dia.</td>
<td>13/16&quot; dia.</td>
</tr>
<tr>
<td></td>
<td>55cm</td>
<td>50.8cm</td>
<td>34.9cm</td>
<td>24.1cm</td>
<td>3.8cm dia.</td>
<td>16.5cm dia.</td>
<td>6cm dia.</td>
<td>2cm dia.</td>
</tr>
</tbody>
</table>

Dimensions D & F do not apply to style AOA1-A.
Dimension D does not apply to style AOA1-B.

FEATURES

- Steatite insulation – white glazed finish.
- End fittings, rain shield and voltage controls – aluminum, iridite finish.
- Recommended maximum working load – 4000 pounds.
- Every insulator proof tested – 5000 pounds.
- Ultimate strength – 9000 pounds.
- R.F. working voltage with rain shield and voltage controls – up to 100 Kv.

For further information contact . . . .

PRINTED IN CANADA

AUSTIN INSULATOR DIVISION, DECCA RADAR CANADA (1967) LIMITED

23 Six Point Road, Toronto 18, Ontario. Telephone: (416) 239-1161 Telex: 02-2098 Cables: Decradar Toronto
# Price List

(U.S.A.)

## AUSTIN STEATITE GUY STRAIN INSULATORS

### Applications

Light duty mast guying - end and centre insulators for wire antennae, hold down and dead end insulator for feeders.

### Optional Features

Available plain, with rain shield, or with rain shield and voltage controls. A kit to permit dual operation for higher mechanical loads is also available.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Style A0A1-A (plain)</td>
<td>$20.00</td>
</tr>
<tr>
<td>Style A0A1-B (with rain shield)</td>
<td>22.50</td>
</tr>
<tr>
<td>Style A0A1-C (with rain shield and voltage controls)</td>
<td>25.00</td>
</tr>
<tr>
<td>Rain shield with clamp</td>
<td>3.00</td>
</tr>
<tr>
<td>Voltage control with clamp</td>
<td>3.00</td>
</tr>
<tr>
<td>Adapter kit (as illustrated - less insulators - all hardware shown is supplied)</td>
<td>20.00</td>
</tr>
</tbody>
</table>

### Quantity Discounts (All Items)

<table>
<thead>
<tr>
<th>QUANTITY DISCOUNTS</th>
<th>1 - 10 net</th>
<th>11 - 20 less 2%</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 - 50</td>
<td>less 3%</td>
<td></td>
</tr>
<tr>
<td>51 - 100</td>
<td>less 4%</td>
<td></td>
</tr>
<tr>
<td>101 - up</td>
<td>less 5%</td>
<td></td>
</tr>
</tbody>
</table>

### Dimensions

- A = 24-1/2"
- B = 7/8"
- C = 1-3/8"
- D = 7"

Please refer to Decca Radar Canada (1967) Limited, Austin Insulator Division, Standard Conditions of Sale overleaf.

1 JUNE 1971
1. **PRICE**

All prices quoted are F.O.B. Toronto, Canada. Payment is to be made to the Company at Toronto.

2. **PAYMENT**

Terms net thirty days to established accounts.

3. **DUTY AND TAXES**

Customs clearance is handled and duty is paid by the Company when the goods enter the U.S.A. and the customer has no additional duty or brokerage charges to pay. Prices quoted do not include any applicable U.S. Federal or State taxes.

4. **DELIVERY**

The Company will use its best efforts to make delivery in the time specified but shall not be held responsible for any loss or other consequence as a result of delay in delivery of the equipment. If the Company is unable to deliver the whole or any part of the order due to reasons outside the Company’s control, the Company has the right to cancel or suspend the whole or part order.

5. **GUARANTEE**

The Company’s components are guaranteed to be of sound material and good workmanship. Under such guarantee the Company will at its option either repair or replace without charge any standard part of the said component which becomes defective in proper use and fair wear and tear within a period of 12 months from date of shipment of the component provided the Company is promptly notified in writing of such defect occurring and the defective part is returned carriage paid to Decca Radar Canada (1967) Limited, Toronto, Canada.

Notwithstanding the guarantee terms as herein stated the Company shall have no liability under any warranty or condition implied by law or for any consequential loss or damage occurring to any structure or building on which the said component is permanently or temporarily located nor to any person or persons acting in connection with such components.

6. **ORDERS**

Should be made out to Austin Insulator Division, Decca Radar Canada (1967) Limited.

7. **GOVERNMENT PERMITS**

Any equipment is offered subject to the granting of Import and/or Export permits - by any Government concerned.

8. **INJURY, LOSS OR DAMAGE**

The customer shall indemnify the Company against all claims whether made under any contract or statute or under Common Law in respect of any loss or damage to any property whatsoever or injury to any person whatsoever arising out of any defect in material or workmanship in connection with any goods manufactured and/or sold by the Company, or any default or negligence on the part of the Company’s servants in connection with or during the carrying out of any work by the Company on customer's or other person's property.

9. **ACCEPTANCE OF QUOTATION**

Acceptance of the Company’s written quotation shall be taken as acceptance also of these terms and conditions of sale subject to any variation thereto agreed by the Company in writing.

10. **SPECIFICATIONS**

All prices quoted are for the supply of components or materials in accordance with the Company’s Specification current at time of despatch except where otherwise stated in writing.
# Price List

**DECCA RADAR**

**AUSTIN INSULATOR DIVISION**

## Price List (U.S.A.)

**AUSTIN GUY STRAIN INSULATORS**

for

**RADIO ANTENNA MASTS AND TOWERS**

## Preloaded

<table>
<thead>
<tr>
<th>Type</th>
<th>Recommended Maximum Working Load</th>
<th>Price (U.S. Funds) Duty Paid F.O.B. Toronto</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-1880</td>
<td>6,000 lb.</td>
<td>$110.00</td>
</tr>
<tr>
<td>A-1880-F</td>
<td>6,000 lb.</td>
<td>120.00</td>
</tr>
<tr>
<td>A-4502</td>
<td>12,000 lb.</td>
<td>190.00</td>
</tr>
<tr>
<td>A-4502-F</td>
<td>12,000 lb.</td>
<td>190.00</td>
</tr>
<tr>
<td>A-3056</td>
<td>18,000 lb.</td>
<td>300.00</td>
</tr>
<tr>
<td>A-4333</td>
<td>27,000 lb.</td>
<td>450.00</td>
</tr>
</tbody>
</table>

## Spring Loaded

<table>
<thead>
<tr>
<th>Type</th>
<th>Recommended Maximum Working Load</th>
<th>Price (U.S. Funds) Duty Paid F.O.B. Toronto</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-3400</td>
<td>9,000 lb.</td>
<td>$380.00</td>
</tr>
<tr>
<td>A-4117</td>
<td>15,000 lb.</td>
<td>475.00</td>
</tr>
<tr>
<td>A-3949-S</td>
<td>23,000 lb.</td>
<td>595.00</td>
</tr>
<tr>
<td>A-4066</td>
<td>40,000 lb.</td>
<td>795.00</td>
</tr>
<tr>
<td>A-3511</td>
<td>60,000 lb.</td>
<td>1,150.00</td>
</tr>
</tbody>
</table>

Please refer to Decca Radar Canada (1967) Limited, Austin Insulator Division, hereinafter referred to as the "Company", standard conditions of sale overleaf.

1 July 1971
1. **PRICE**

All prices quoted are net U.S. funds, U.S. duty paid, F.O.B. Toronto, Canada. Payment is to be made to the Company at Toronto.

2. **PAYMENT**

Terms net thirty days to established accounts.

3. **DUTY AND TAXES**

Customs clearance is handled and duty is paid by the Company when the goods enter the U.S.A. and the customer has no additional duty or brokerage charges to pay. Prices quoted do not include any applicable U.S. Federal or State taxes.

4. **DELIVERY**

The Company will use its best efforts to make delivery in the time specified but shall not be held responsible for any loss or other consequence as a result of delay in delivery of the equipment. If the Company is unable to deliver the whole or any part of the order due to reasons outside the Company's control, the Company has the right to cancel or suspend the whole or part order.

5. **GUARANTEE**

The Company's components are guaranteed to be of sound material and good workmanship. Under such guarantee the Company will at its option either repair or replace without charge any standard part of the said component which becomes defective in proper use and fair wear and tear within a period of 12 months from date of shipment of the component provided the Company is promptly notified in writing of such defect occurring and the defective part is returned carriage paid to Decca Radar Canada (1967) Limited, Toronto, Canada.

Notwithstanding the guarantee terms as herein stated the Company shall have no liability under any warranty or condition implied by law or for any consequential loss or damage occurring to any structure or building on which the said component is permanently or temporarily located nor to any person or persons acting in connection with such components.

6. **ORDERS**

Should be made out to Austin Insulator Division, Decca Radar Canada (1967) Limited.

7. **GOVERNMENT PERMITS**

Any equipment is offered subject to the granting of Import and/or Export permits - by any Government concerned.

8. **INJURY, LOSS OR DAMAGE**

The customer shall indemnify the Company against all claims whether made under any contract or statute or under Common Law in respect of any loss or damage to any property whatsoever or injury to any person whatsoever arising out of any defect in material or workmanship in connection with any goods manufactured and/or sold by the Company, or any default or negligence on the part of the Company's servants in connection with or during the carrying out of any work by the Company on customer's or other person's property.

9. **ACCEPTANCE OF QUOTATION**

Acceptance of the Company's written quotation shall be taken as acceptance also of these terms and conditions of sale subject to any variation thereto agreed by the Company in writing.

10. **SPECIFICATIONS**

All prices quoted are for the supply of components or materials in accordance with the Company's Specification current at time of despatch except where otherwise stated in writing.
AUSTIN GUY INSULATOR
Oil Filled
Preloaded Safety Core Type
A-1880 (6,000 lb. working)

(FULL SPECIFICATION OVERLEAF)

- Long leakage path providing high insulation values and high safe working voltage.
- Low capacity giving minimum charging current, minimum effect on tuning and ensuring that this insulator handles the highest possible proportion of the working voltage on the guy—thus relieving the strain on lower guy breakup insulators.
- Clean smooth insulator surface minimizing leakage due to dirt contamination.
- Oil filling provides high dielectric strength and static drain within the insulator.

PRELOADING

The descriptive term "preloading" refers to a type of construction in which the safety link within the insulator body is, at the time of manufacture, pre-stressed to the particular tension referred to in the table. This has the effect of loading the outer porcelain sleeve in compression between the two insulator end fittings. This loading seals both ends of the insulator against oil leakage. It will be noted that the recommended maximum working load is a factor of three-quarters of the preload which ensures that the oil seal will not be broken in normal usage. The preloading figure has nothing to do with the ultimate strength of the insulator which is determined by mechanical failure when it is stressed beyond its limit. If the guy tension exceeds the preload figure at any time, an oil leak may occur and must be given attention but mechanical failure will not occur until the ultimate load for the insulator is exceeded.

DATA SHEETS ARE AVAILABLE ON A WIDE RANGE OF AUSTIN GUY STRAIN INSULATORS.
AUSTIN GUY INSULATOR
TYPE A-1880

A-1880 INSULATOR HAS EYE TYPE FITTINGS AT BOTH ENDS.
A-1880-F HAS CLEVIS FITTING AT TOP END.
(BALL AND SOCKET TYPE END FITTINGS AVAILABLE ON REQUEST.)

NOTE 1: EYE TYPE END FITTINGS HAVE 2 FOOT BONDING BRAIDS ATTACHED TO EACH END — THESE SHOULD BE ATTACHED TO mast AND guy wire. CLEVIS FITTING HAS SCREW FOR ATTACHING BONDING WIRE.

DIMENSIONS

<p>| | | | | | | | | |</p>
<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
<td>G</td>
<td>H</td>
<td>I</td>
<td>J</td>
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</tr>
<tr>
<td>70cm</td>
<td>61cm</td>
<td>25cm</td>
<td>7cm</td>
<td>2cm</td>
<td>1.6cm</td>
<td>3.8cm</td>
<td>2.2cm</td>
<td>2.7cm</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>ARcing VOLTAGE KV PEAK DRY</th>
<th>MAXIMUM RECOMMENDED WORKING LOAD</th>
<th>ULTIMATE STRENGTH</th>
<th>PRELOAD</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>280</td>
<td>6,000 lbs.</td>
<td>16,000 lbs.</td>
<td>8,000 lbs.</td>
<td>16 lbs.</td>
</tr>
<tr>
<td></td>
<td>2,720 kg</td>
<td>7,260 kg</td>
<td>3,630 kg</td>
<td>7 kg</td>
</tr>
</tbody>
</table>

For further information contact . . . .
**AUSTIN GUY INSULATOR**

*Oil Filled Preloaded Safety Core Type A-4502 (12,000 lb. working)*

*(FULL SPECIFICATION OVERLEAF)*

- **Long Leakage Path** Providing high insulation values and high safe working voltage.
- **Low Capacity** Giving minimum charging current, minimum effect on tuning and ensuring that this insulator handles the highest possible proportion of the working voltage on the guy—thus relieving the strain on lower guy breakup insulators.
- **Clean Smooth Insulator Surface** Minimizing leakage due to dirt contamination.
- **Oil Filling** Provides high dielectric strength and static drain within the insulator.

---

**Preloading**

The descriptive term “preloading” refers to a type of construction in which the safety link within the insulator body is, at the time of manufacture, pre-stressed to the particular tension referred to in the table. This has the effect of loading the outer porcelain sleeve in compression between the two insulator end fittings. This loading seals both ends of the insulator against oil leakage. It will be noted that the recommended maximum working load is a factor of three-quarters of the preload which ensures that the oil seal will not be broken in normal usage. The preloading figure has nothing to do with the ultimate strength of the insulator which is determined by mechanical failure when it is stressed beyond its limit. If the guy tension exceeds the preloading figure at any time, an oil leak may occur and must be given attention but mechanical failure will not occur until the ultimate load for the insulator is exceeded.

---

**Data Sheets Are Available on a Wide Range of Austin Guy Strain Insulators.**

1 July 1971
AUSTIN GUY INSULATOR
TYPE A-4502

A-4502 INSULATOR HAS EYE TYPE FITTINGS AT BOTH ENDS.
A-4502-F HAS CLEVIS FITTING AT TOP END.

NOTE 1: SCREWS PROVIDED FOR BONDING TO MAST AND GUY WIRE.

DIMENSIONS

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-1/4&quot;</td>
<td>123cm</td>
<td>41-1/4&quot;</td>
<td>105cm</td>
<td>10&quot;</td>
<td>25.4cm</td>
<td>4-1/2&quot;</td>
<td>11.4cm</td>
<td>15/16&quot;</td>
<td>2.4cm</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>ARCING VOLTAGE KV PEAK DRY</th>
<th>MAXIMUM RECOMMENDED WORKING LOAD</th>
<th>ULTIMATE STRENGTH</th>
<th>PRELOAD</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>12,000 lbs. 5,440 kg</td>
<td>32,000 lbs. 14,520 kg</td>
<td>16,000 lbs. 7,260 kg</td>
<td>47 lbs. 21 kg</td>
</tr>
</tbody>
</table>

For further information contact . . . .
AUSTIN GUY INSULATOR
Oil Filled
Preloaded Safety Core Type
A-3056 (18,000 lb. working)
(FULL SPECIFICATION OVERLEAF)

• LONG LEAKAGE PATH PROVIDING HIGH INSULATION VALUES AND HIGH SAFE WORKING VOLTAGE.

• LOW CAPACITY GIVING MINIMUM CHARGING CURRENT, MINIMUM EFFECT ON TUNING AND ENSURING THAT THIS INSULATOR HANDLES THE HIGHEST POSSIBLE PROPORTION OF THE WORKING VOLTAGE ON THE GUY—THUS RELIEVING THE STRAIN ON LOWER GUY BREAKUP INSULATORS.

• CLEAN SMOOTH INSULATOR SURFACE MINIMIZING LEAKAGE DUE TO DIRT CONTAMINATION.

• OIL FILLING PROVIDES HIGH DIELECTRIC STRENGTH AND STATIC DRAIN WITHIN THE INSULATOR.

PRELOADING

The descriptive term "preloading" refers to a type of construction in which the safety link within the insulator body is, at the time of manufacture, pre-stressed to the particular tension referred to in the table. This has the effect of loading the outer porcelain sleeve in compression between the two insulator end fittings. This loading seals both ends of the insulator against oil leakage. It will be noted that the recommended maximum working load is a factor of three-quarters of the preload which ensures that the oil seal will not be broken in normal usage. The preloading figure has nothing to do with the ultimate strength of the insulator which is determined by mechanical failure when it is stressed beyond its limit. If the guy tension exceeds the preload figure at any time, an oil leak may occur and must be given attention but mechanical failure will not occur until the ultimate load for the insulator is exceeded.

DATA SHEETS ARE AVAILABLE ON A WIDE RANGE OF AUSTIN GUY STRAIN INSULATORS.

1 JULY 1971
AUSTIN GUY INSULATOR
TYPE A-3056

NOTE: SCREWS PROVIDED FOR BONDING TO MAST AND GUY WIRE.

DIMENSIONS

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>38-3/8&quot;</td>
<td>30&quot;</td>
<td>12&quot;</td>
<td>5&quot;</td>
<td>1-1/4&quot;</td>
<td>1-1/8&quot;</td>
<td>2-3/8&quot;</td>
<td>1-1/4&quot;</td>
<td>1-3/16&quot;</td>
</tr>
<tr>
<td>98cm</td>
<td>76cm</td>
<td>30.5cm</td>
<td>12.7cm</td>
<td>3.2cm</td>
<td>2.9cm</td>
<td>6.0cm</td>
<td>3.2cm</td>
<td>3.0cm</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>ARCING VOLTAGE KV PEAK DRY</th>
<th>MAXIMUM RECOMMENDED WORKING LOAD</th>
<th>ULTIMATE STRENGTH</th>
<th>PRELOAD</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>350</td>
<td>18,000 lb.</td>
<td>48,000 lb.</td>
<td>24,000 lb.</td>
<td>60 lb.</td>
</tr>
<tr>
<td></td>
<td>8,200 kg</td>
<td>21,800 kg</td>
<td>10,900 kg</td>
<td>27 kg</td>
</tr>
</tbody>
</table>

For further information contact ....

PRINTED IN CANADA

AUSTIN INSULATOR DIVISION, DECCA RADAR CANADA (1967) LIMITED
23 Six Point Road. Toronto 18, Ontario. Telephone: (416) 239-1161 Telex: 02-2098 Cables: Decradar Toronto
AUSTIN GUY INSULATOR
Oil Filled
Preloaded Safety Core Type
A-4333 (27,000 lb. working)

(FULL SPECIFICATION OVERLEAF)

• LONG LEAKAGE PATH PROVIDING HIGH INSULATION VALUES AND HIGH SAFE WORKING VOLTAGE.

• LOW CAPACITY GIVING MINIMUM CHARGING CURRENT, MINIMUM EFFECT ON TUNING AND ENSURING THAT THIS INSULATOR HANDLES THE HIGHEST POSSIBLE PROPORTION OF THE WORKING VOLTAGE ON THE GUY—THUS RELIEVING THE STRAIN ON LOWER GUY BREAKUP INSULATORS.

• CLEAN SMOOTH INSULATOR SURFACE MINIMIZING LEAKAGE DUE TO DIRT CONTAMINATION.

• OIL FILLING PROVIDES HIGH DIELECTRIC STRENGTH AND STATIC DRAIN WITHIN THE INSULATOR.

PRELOADING

The descriptive term “preloading” refers to a type of construction in which the safety link within the insulator body is, at the time of manufacture, pre-stressed to the particular tension referred to in the table. This has the effect of loading the outer porcelain sleeve in compression between the two insulator end fittings. This loading seals both ends of the insulator against oil leakage. It will be noted that the recommended maximum working load is a factor of three-quarters of the preload which ensures that the oil seal will not be broken in normal usage. The preloading figure has nothing to do with the ultimate strength of the insulator which is determined by mechanical failure when it is stressed beyond its limit. If the guy tension exceeds the preload figure at any time, an oil leak may occur and must be given attention but mechanical failure will not occur until the ultimate load for the insulator is exceeded.

DATA SHEETS ARE AVAILABLE ON A WIDE RANGE OF AUSTIN GUY STRAIN INSULATORS.
NOTE 1: SCREWS PROVIDED FOR BONDING TO MAST AND GUY WIRE.

DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>52-1/2&quot;</td>
<td>42-1/2&quot;</td>
<td>12&quot;</td>
<td>6&quot;</td>
<td>2-3/4&quot;</td>
<td>1-3/4&quot;</td>
<td>1-5/8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>133cm</td>
<td>108cm</td>
<td>30.5cm</td>
<td>15.2cm</td>
<td>7.0cm</td>
<td>4.5cm</td>
<td>4.1cm</td>
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</tr>
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</table>

NOTE 2: TYPE A-4333 HAS CLEVIS BOTH ENDS - PLEASE REFER TO DIMENSIONS H, I, J INSTEAD OF E, G.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>ARCING VOLTAGE</th>
<th>MAXIMUM RECOMMENDED WORKING LOAD</th>
<th>ULTIMATE STRENGTH</th>
<th>PRELOAD</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 KV PEAK DRY</td>
<td>27,000 lb. 12,200 kg</td>
<td>72,000 lb. 32,700 kg</td>
<td>36,000 lb. 16,300 kg</td>
<td>107 lb. 49 kg</td>
</tr>
</tbody>
</table>

For further information contact . . . .

PRINTED IN CANADA

AUSTIN INSULATOR DIVISION, DECCA RADAR CANADA (1967) LIMITED

23 Six Point Road, Toronto 16, Ontario. Telephone: (416) 239-1161 Telex: 02-2098 Cables: Decradar Toronto
DECCA RADAR
AUSTIN INSULATOR DIVISION

AUSTIN GUY INSULATOR
Oil Filled
Spring Loaded Safety Core Type
A - 3400 (34,000 lb. ultimate)
(FULL SPECIFICATION OVERLEAF)

- Long leakage path providing high insulation values and high safe working voltage.

- Low capacity giving minimum charging current, minimum effect on tuning and ensuring that this insulator handles the highest possible proportion of the working voltage on the guy—thus relieving the strain on lower guy breakup insulators.

- Clean smooth insulator surface minimizing leakage due to dirt contamination.

- Oil filling provides high dielectric strength and static drain within the insulator.

SPRING LOADING

The descriptive term "spring loaded" refers to a type of construction in which the safety link within the insulator body is, at the time of manufacture, pre-stressed to a small initial tension. This tension is maintained when the insulator is in service by a compression spring located in the insulator head cap. This type of construction ensures that the pre-loading is not affected in any way by the guy load placed on the insulator; hence the insulator can be worked up to its ultimate without any danger of oil leak occurring. The purpose of the pre-loading is to maintain an oil tight seal at the top and bottom ends of the porcelain tube. The initial loading varies with the size of the insulator and is in the range of 3,000 to 10,000 lbs.

DATA SHEETS ARE AVAILABLE ON A WIDE RANGE OF AUSTIN GUY STRAIN INSULATORS.

1 JULY 1971
AUSTIN GUY INSULATOR
TYPE A-3400

NOTE 1: SCREWS FOR ATTACHING BONDING WIRES TO MAST AND GUYS.
NOTE 2: EXTERNAL VOLTAGE CONTROLS CAN BE FITTED ON REQUEST IF R.F. OPERATING CONDITIONS ARE SEVERE.

DIMENSIONS

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>H</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>55-1/2&quot;</td>
<td>38-3/4&quot;</td>
<td>18&quot;</td>
<td>4-1/2&quot;</td>
<td>1-7/16&quot;</td>
<td>1-1/8&quot;</td>
<td>1-1/8&quot;</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td>141cm</td>
<td>98cm</td>
<td>46cm</td>
<td>11.4cm</td>
<td>3.64cm</td>
<td>2.86cm</td>
<td>2.86cm</td>
<td>3.17cm</td>
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</tbody>
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SPECIFICATIONS

<table>
<thead>
<tr>
<th>ARCING VOLTAGE KV PEAK DRY</th>
<th>RECOMMENDED WORKING LOAD</th>
<th>ULTIMATE LOAD</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>450</td>
<td>9,000 lbs. 4,080 kg</td>
<td>34,000 lbs. 15,400 kg</td>
<td>86 lbs. 39 kg</td>
</tr>
</tbody>
</table>

For further information contact . . . .

AUSTIN INSULATOR DIVISION, DECCA RADAR CANADA (1967) LIMITED
28 Six Point Road, Toronto 18, Ontario. Telephone: (416) 239-1161 Telex: 02-2098 Cables: Decradar Toronto
AUSTIN GUY INSULATOR
Oil Filled
Spring Loaded Safety Core Type
A-4117 (52,000 lb. ultimate)
(FULL SPECIFICATION OVERLEAF)

- Long leakage path providing high insulation values and high safe working voltage.
- Low capacity giving minimum charging current, minimum effect on tuning and ensuring that this insulator handles the highest possible proportion of the working voltage on the guy—thus relieving the strain on lower guy breakup insulators.
- Clean smooth insulator surface minimizing leakage due to dirt contamination.
- Oil filling provides high dielectric strength and static drain within the insulator.

SPRING LOADING

The descriptive term "spring loaded" refers to a type of construction in which the safety link within the insulator body is, at the time of manufacture, pre-stressed to a small initial tension. This tension is maintained when the insulator is in service by a compression spring located in the insulator head cap. This type of construction ensures that the pre-loading is not affected in any way by the guy load placed on the insulator; hence the insulator can be worked up to its ultimate without any danger of oil leak occurring. The purpose of the pre-loading is to maintain an oil tight seal at the top and bottom ends of the porcelain tube. The initial loading varies with the size of the insulator and is in the range of 3,000 to 10,000 lbs.

DATA SHEETS ARE AVAILABLE ON A WIDE RANGE OF AUSTIN GUY STRAIN INSULATORS.

1 JULY 1971
NOTE 1: SCREWS FOR ATTACHING BONDING WIRES TO MAST AND GUYS.

NOTE 2: EXTERNAL VOLTAGE CONTROLS CAN BE FITTED ON REQUEST IF R.F. OPERATING CONDITIONS ARE SEVERE.

DIMENSIONS

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>H</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>56&quot;</td>
<td>39-1/2&quot;</td>
<td>18&quot;</td>
<td>5-5/8&quot;</td>
<td>1-3/8&quot;</td>
<td>1-1/2&quot;</td>
<td>1-1/4&quot;</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>142cm</td>
<td>100cm</td>
<td>45cm</td>
<td>14.3cm</td>
<td>3.5cm</td>
<td>3.8cm</td>
<td>3.2cm</td>
<td>3.8cm</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>ARcing Voltage KV Peak Dry</th>
<th>Recommended Working Load</th>
<th>Ultimate Load</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>450</td>
<td>15,000 lbs. 6,800 kg</td>
<td>52,000 lbs. 23,600 kg</td>
<td>127 lbs. 58 kg</td>
</tr>
</tbody>
</table>

For further information contact . . .

PRINTED IN CANADA

AUSTIN INSULATOR DIVISION, DECCA RADAR CANADA (1967) LIMITED
20 Six Point Road, Toronto 18, Ontario. Telephone: (416) 239-1161  Telex: 02-2098  Cables: Decradar Toronto
AUSTIN GUY INSULATOR
Oil Filled
Spring Loaded Safety Core Type
A-3949-S (83,000 lb. ultimate)

(Full Specification Overleaf)

• LONG LEAKAGE PATH PROVIDING HIGH INSULATION VALUES AND HIGH SAFE WORKING VOLTAGE.

• LOW CAPACITY GIVING MINIMUM CHARGING CURRENT, MINIMUM EFFECT ON TUNING AND ENSURING THAT THIS INSULATOR HANDLES THE HIGHEST POSSIBLE PROPORTION OF THE WORKING VOLTAGE ON THE GUY—THUS RELIEVING THE STRAIN ON LOWER GUY BREAKUP INSULATORS.

• CLEAN SMOOTH INSULATOR SURFACE MINIMIZING LEAKAGE DUE TO DIRT CONTAMINATION.

• OIL FILLING PROVIDES HIGH DIELECTRIC STRENGTH AND STATIC DRAIN WITHIN THE INSULATOR.

SPRING LOADING

The descriptive term "spring loaded" refers to a type of construction in which the safety link within the insulator body is, at the time of manufacture, pre-stressed to a small initial tension. This tension is maintained when the insulator is in service by a compression spring located in the insulator head cap. This type of construction ensures that the pre-loading is not affected in any way by the guy load placed on the insulator; hence the insulator can be worked up to its ultimate without any danger of oil leak occurring. The purpose of the pre-loading is to maintain an oil tight seal at the top and bottom ends of the porcelain tube. The initial loading varies with the size of the insulator and is in the range of 3,000 to 10,000 lbs.

DATA SHEETS ARE AVAILABLE ON A WIDE RANGE OF AUSTIN GUY STRAIN INSULATORS.

1 JULY 1971
NOTE 1: SCREWS FOR ATTACHING BONDING WIRES TO MAST AND GUYS.

NOTE 2: EXTERNAL VOLTAGE CONTROLS CAN BE FITTED ON REQUEST IF R.F. OPERATING CONDITIONS ARE SEVERE.

DIMENSIONS

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>H</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>61-1/2&quot;</td>
<td>42&quot;</td>
<td>19&quot;</td>
<td>7&quot;</td>
<td>1-3/4&quot;</td>
<td>1-3/4&quot;</td>
<td>1-9/16&quot;</td>
<td>1-3/4&quot;</td>
</tr>
<tr>
<td>156cm</td>
<td>107cm</td>
<td>48cm</td>
<td>18cm</td>
<td>4.5cm</td>
<td>4.5cm</td>
<td>3.8cm</td>
<td>4.5cm</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>ARCING VOLTAGE KV PEAK DRY</th>
<th>RECOMMENDED WORKING LOAD</th>
<th>ULTIMATE LOAD</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>460</td>
<td>23,000 lb. 10,400 kg</td>
<td>83,000 lb. 37,700 kg</td>
<td>218 lb. 99 kg</td>
</tr>
</tbody>
</table>

For further information contact ....
AUSTIN GUY INSULATOR
Oil Filled
Spring Loaded Safety Core Type
TYPE A-4066 (145,000 lb. ultimate)
(FULL SPECIFICATION OVERLEAF)

• LONG LEAKAGE PATH PROVIDING
  HIGH INSULATION VALUES AND HIGH
  SAFE WORKING VOLTAGE.

• LOW CAPACITY GIVING MINIMUM CHARGING
  CURRENT, MINIMUM EFFECT ON TUNING AND
  ENSURING THAT THIS INSULATOR HANDLES THE
  HIGHEST POSSIBLE PROPORTION OF THE WORKING
  VOLTAGE ON THE GUY-THUS RELIEVING THE STRAIN
  ON LOWER GUY BREAKUP INSULATORS.

• CLEAN SMOOTH INSULATOR SURFACE MINIMIZING LEAKAGE
  DUE TO DIRT CONTAMINATION.

• OIL FILLING PROVIDES HIGH DIELECTRIC STRENGTH AND
  STATIC DRAIN WITHIN THE INSULATOR.

SPRING LOADING

The descriptive term "spring loaded" refers to a type of construction in which the safety
link within the insulator body is, at the time of manufacture, pre-stressed to a small
initial tension. This tension is maintained when the insulator is in service by a compres-
sion spring located in the insulator head cap. This type of construction ensures that the
pre-loading is not affected in any way by the guy load placed on the insulator; hence the
insulator can be worked up to its ultimate without any danger of oil leak occurring. The
purpose of the pre-loading is to maintain an oil tight seal at the top and bottom ends of
the porcelain tube. The initial loading varies with the size of the insulator and is in the
range of 3,000 to 10,000 lbs.

DATA SHEETS ARE AVAILABLE ON A WIDE RANGE OF AUSTIN GUY STRAIN INSULATORS.

1 JULY 1971
NOTE 1: SCREWS FOR ATTACHING BONDING WIRES TO MAST AND GUYS.
NOTE 2: EXTERNAL VOLTAGE CONTROLS CAN BE FITTED ON REQUEST IF R.F. OPERATING CONDITIONS ARE SEVERE.

DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th></th>
<th>B</th>
<th></th>
<th>C</th>
<th></th>
<th>D</th>
<th></th>
<th>E</th>
<th></th>
<th>G</th>
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<th>H</th>
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<tbody>
<tr>
<td></td>
<td>64&quot;</td>
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<td>2-1/8&quot;</td>
<td>1-7/8&quot;</td>
<td>2-3/8&quot;</td>
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<td></td>
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<td>107cm</td>
<td>48cm</td>
<td>21cm</td>
<td>5.4cm</td>
<td>5.4cm</td>
<td>4.8cm</td>
<td>6.0cm</td>
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<td></td>
<td></td>
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</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Arcing Voltage KV Peak Dry</th>
<th>Recommended Working Load</th>
<th>Ultimate Load</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>460</td>
<td>40,000 lb.</td>
<td>145,000 lb.</td>
<td>285 lb.</td>
</tr>
<tr>
<td></td>
<td>18,200 kg</td>
<td>65,800 kg</td>
<td>129 kg</td>
</tr>
</tbody>
</table>

For further information contact . . . .
AUSTIN GUY INSULATOR
Oil Filled
Spring Loaded Safety Core Type
TYPE A-3511 (200,000 lb. ultimate)

FULL SPECIFICATION OVERLEAF

- LONG LEAKAGE PATH PROVIDING HIGH INSULATION VALUES AND HIGH SAFE WORKING VOLTAGE.
- LOW CAPACITY GIVING MINIMUM CHARGING CURRENT, MINIMUM EFFECT ON TUNING AND ENSURING THAT THIS INSULATOR HANDLES THE HIGHEST POSSIBLE PROPORTION OF THE WORKING VOLTAGE ON THE GUY-THUS RELIEVING THE STRAIN ON LOWER GUY BREAKUP INSULATORS.
- CLEAN SMOOTH INSULATOR SURFACE MINIMIZING LEAKAGE DUE TO DIRT CONTAMINATION.
- OIL FILLING PROVIDES HIGH DIELECTRIC STRENGTH AND STATIC DRAIN WITHIN THE INSULATOR.

SPRING LOADING

The descriptive term "spring loaded" refers to a type of construction in which the safety link within the insulator body is, at the time of manufacture, pre-stressed to a small initial tension. This tension is maintained when the insulator is in service by a compression spring located in the insulator head cap. This type of construction ensures that the pre-loading is not affected in any way by the guy load placed on the insulator; hence the insulator can be worked up to its ultimate without any danger of oil leak occurring. The purpose of the pre-loading is to maintain an oil tight seal at the top and bottom ends of the porcelain tube. The initial loading varies with the size of the insulator and is in the range of 3,000 to 10,000 lbs.

DATA SHEETS ARE AVAILABLE ON A WIDE RANGE OF AUSTIN GUY STRAIN INSULATORS.

1 JULY 1971
NOTE 1: SCREWS FOR ATTACHING BONDING WIRES TO MAST AND GUYS.

NOTE 2: EXTERNAL VOLTAGE CONTROLS CAN BE FITTED ON REQUEST IF R.F. OPERATING CONDITIONS ARE SEVERE.

DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>H</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>63-1/2&quot;</td>
<td>41-1/8&quot;</td>
<td>19&quot;</td>
<td>9-1/8&quot;</td>
<td>2-1/2&quot;</td>
<td>2-1/4&quot;</td>
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<td>2-1/2&quot;</td>
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<tr>
<td></td>
<td>161cm</td>
<td>104cm</td>
<td>48cm</td>
<td>23cm</td>
<td>6.4cm</td>
<td>5.7cm</td>
<td>5cm</td>
<td>6.4cm</td>
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SPECIFICATIONS

<table>
<thead>
<tr>
<th>ARCING VOLTAGE</th>
<th>RECOMMENDED WORKING LOAD</th>
<th>ULTIMATE LOAD</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>KV PEAK DRY</td>
<td>lb.</td>
<td>lb.</td>
<td>lb.</td>
</tr>
<tr>
<td>500</td>
<td>60,000</td>
<td>200,000</td>
<td>350</td>
</tr>
<tr>
<td></td>
<td>27,200</td>
<td>90,700</td>
<td>159</td>
</tr>
</tbody>
</table>

For further information contact . . . .

AUSTIN INSULATOR DIVISION, DECCA RADAR CANADA (1967) LIMITED

23 Six Point Road, Toronto 18, Ontario. Telephone: (416) 239-1161 Telex: 02-2098 Cables: Decradar Toronto
AUSTIN RING TYPE ISOLATION TRANSFORMERS
for
RADIO TOWER AND MAST LIGHTING

(AIR INSULATION)

A TYPICAL AUSTIN LIGHTING TRANSFORMER, THE PROVEN WAY TO SUPPLY LIGHTING POWER TO A RADIATOR (thousands in use throughout the world)

- AIR INSULATION - Minimum R.F. loss
- LOW CAPACITANCE - Minimum and stable effect on tuning.
- REGULATION - Better than 10% under normal load conditions.
- FLASHING LIGHTS - Reactor can be supplied to maintain voltage regulation.
- EFFICIENCY - Better than 90% under normal load conditions.
- SHIELDING - Primary and secondary electrostatically shielded.
- MOUNTING - Several standard arrangements.
- LIGHTNING GAP - Optional

SPECIFICATIONS FOR STANDARD TYPES SHOWN OVERLEAF. OTHER VOLTAGES AND POWER RATINGS AVAILABLE ON REQUEST.

1 APRIL 1971
## Dimensions

<table>
<thead>
<tr>
<th>Rating</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>Pipe Fittings</th>
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<tbody>
<tr>
<td>700 &amp; 1500 watt</td>
<td>15°</td>
<td>34°</td>
<td>4°</td>
<td>12.5°</td>
<td>11.6°</td>
<td>11.6°</td>
<td>5.8°</td>
<td>1.8°</td>
<td>4.25°</td>
<td>3.125°</td>
<td>1&quot; IPS</td>
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<tr>
<td></td>
<td>38cm</td>
<td>86cm</td>
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<td>32cm</td>
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<td>29cm</td>
<td>15cm</td>
<td>5cm</td>
<td>11cm</td>
<td>8cm</td>
<td></td>
</tr>
<tr>
<td>3000 watt</td>
<td>19°</td>
<td>44°</td>
<td>5°</td>
<td>16.0°</td>
<td>13.5°</td>
<td>13.5°</td>
<td>14.0°</td>
<td>1.8°</td>
<td>6.0°</td>
<td>4.75°</td>
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<tr>
<td></td>
<td>48cm</td>
<td>112cm</td>
<td>13cm</td>
<td>41cm</td>
<td>34cm</td>
<td>34cm</td>
<td>36cm</td>
<td>5cm</td>
<td>15cm</td>
<td>12cm</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE 1:** STANDARD PIPE FITTINGS ARE USED FOR SUPPORTS.
**NOTE 2:** SECONDARY SHOWN (DOTTED) INCLINED AT 45°.
**NOTE 3:** FOUR HOLES 5/8" (700W AND 1500W) OR 11/18" (3000W) DRILLED THROUGH BASE FOR MOUNTING.

## Specifications

<table>
<thead>
<tr>
<th>Transformer Number</th>
<th>Capacity kVA</th>
<th>Secondary Voltage</th>
<th>Secondary Tap (Over Voltage)</th>
<th>Mounting Style</th>
<th>Attachments Extra</th>
<th>Net Weight</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td>Pounds</td>
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<td></td>
<td>Kilograms</td>
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<tr>
<td>A-1761</td>
<td>0.7</td>
<td>115</td>
<td>None</td>
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<td>None</td>
<td>70</td>
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<tr>
<td>A-2701</td>
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<td>Lightning Gap</td>
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<td>A-2100</td>
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<tr>
<td>A-2101</td>
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<td>None</td>
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<td>Lightning Gap</td>
<td>96</td>
</tr>
<tr>
<td>A-2102</td>
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<td>115</td>
<td>None</td>
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<td>None</td>
<td>82</td>
</tr>
<tr>
<td>A-2103</td>
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<td>115</td>
<td>None</td>
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<td>96</td>
</tr>
<tr>
<td>A-1970</td>
<td>3.0</td>
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<td>+10%</td>
<td>Side Bracket</td>
<td>None</td>
<td>188</td>
</tr>
<tr>
<td>A-1971</td>
<td>3.0</td>
<td>115</td>
<td>+10%</td>
<td>Side Bracket</td>
<td>Lightning Gap</td>
<td>201</td>
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<tr>
<td>A-1972</td>
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<tr>
<td>A-1973</td>
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<td>Lightning Gap</td>
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<tr>
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<tr>
<td>A-1975</td>
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<td>Lightning Gap</td>
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<tr>
<td>A-1976</td>
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<td>+10%</td>
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</tr>
<tr>
<td>A-1977</td>
<td>3.0</td>
<td>115</td>
<td>+10%</td>
<td>Pedestal</td>
<td>Lightning Gap</td>
<td>201</td>
</tr>
<tr>
<td>A-2808</td>
<td>5.0</td>
<td>115/230</td>
<td>None</td>
<td>Pedestal</td>
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<td>5.0</td>
<td>115/230</td>
<td>None</td>
<td>Pedestal</td>
<td>None</td>
<td>378</td>
</tr>
<tr>
<td>A-2877</td>
<td>5.0</td>
<td>115/230</td>
<td>None</td>
<td>Pedestal</td>
<td>Lightning Gap</td>
<td>384</td>
</tr>
<tr>
<td>A-2814</td>
<td>7.0</td>
<td>115/230</td>
<td>None</td>
<td>Side Bracket</td>
<td>Lightning Gap</td>
<td>340</td>
</tr>
<tr>
<td>A-2815</td>
<td>7.0</td>
<td>115/230</td>
<td>None</td>
<td>Side Bracket</td>
<td>None</td>
<td>340</td>
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</table>

Transformers with higher ratings as shown below on special order:

<table>
<thead>
<tr>
<th>Transformer Number</th>
<th>Capacity kVA</th>
<th>Secondary Voltage</th>
<th>Secondary Tap (Over Voltage)</th>
<th>Mounting Style</th>
<th>Attachments Extra</th>
<th>Net Weight</th>
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<td></td>
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<td></td>
<td>Kilograms</td>
</tr>
<tr>
<td>A-2808</td>
<td>5.0</td>
<td>115/230</td>
<td>None</td>
<td>Pedestal</td>
<td>Lightning Gap</td>
<td>365</td>
</tr>
<tr>
<td>A-2876</td>
<td>5.0</td>
<td>115/230</td>
<td>None</td>
<td>Pedestal</td>
<td>None</td>
<td>378</td>
</tr>
<tr>
<td>A-2877</td>
<td>5.0</td>
<td>115/230</td>
<td>None</td>
<td>Pedestal</td>
<td>Lightning Gap</td>
<td>384</td>
</tr>
<tr>
<td>A-2814</td>
<td>7.0</td>
<td>115/230</td>
<td>None</td>
<td>Side Bracket</td>
<td>Lightning Gap</td>
<td>340</td>
</tr>
<tr>
<td>A-2815</td>
<td>7.0</td>
<td>115/230</td>
<td>None</td>
<td>Side Bracket</td>
<td>None</td>
<td>340</td>
</tr>
</tbody>
</table>

**NOTE:** All transformers have dual tapped 115 volt primary windings suitable for 115 or 230 volt electrical system.

For further information contact . . . .
### Price List

**(U.S.A.)**

**AUSTIN RING TYPE ISOLATION TRANSFORMERS**

**for**

**RADIO TOWER AND MAST LIGHTING**

**AIR INSULATION**

<table>
<thead>
<tr>
<th>TRANSFORMER NO.</th>
<th>CAPACITY K.V.A.</th>
<th>PRICE (U.S. FUNDS)</th>
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<td>0.7</td>
<td>$300.00</td>
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<td>A-2701</td>
<td>0.7</td>
<td>325.00</td>
</tr>
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<td>A-1761-S</td>
<td>0.7</td>
<td>300.00</td>
</tr>
<tr>
<td>A-2701-S</td>
<td>0.7</td>
<td>325.00</td>
</tr>
<tr>
<td>A-2100</td>
<td>1.5</td>
<td>350.00</td>
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<td>A-2103</td>
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<td>A-1971</td>
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<td>400.00</td>
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<tr>
<td>A-1972</td>
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<td>A-1973</td>
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<td>400.00</td>
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<td>400.00</td>
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<td>A-1976</td>
<td>3.0</td>
<td>375.00</td>
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<tr>
<td>A-1977</td>
<td>3.0</td>
<td>400.00</td>
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<td>800.00</td>
</tr>
<tr>
<td>A-2815</td>
<td>7.0</td>
<td>775.00</td>
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</tbody>
</table>

Please refer to Decca Radar Canada (1967) Limited, Austin Insulator Division, Standard Conditions of Sale overleaf.

1 JUNE 1971
DECCA RADAR CANADA (1967) LIMITED
hereinafter referred to as the "Company"

CONDITIONS OF SALE
(U.S.A.)

1. PRICE

All prices quoted are net U.S. funds, U.S. duty paid, F.O.B. Toronto, Canada. Payment is to be made to the Company at Toronto.

2. PAYMENT

Terms net thirty days to established accounts.

3. DUTY AND TAXES

Customs clearance is handled and duty is paid by the Company when the goods enter the U.S.A. and the customer has no additional duty or brokerage charges to pay. Prices quoted do not include any applicable U.S. Federal or State taxes.

4. DELIVERY

The Company will use its best efforts to make delivery in the time specified but shall not be held responsible for any loss or other consequence as a result of delay in delivery of the equipment. If the Company is unable to deliver the whole or any part of the order due to reasons outside the Company's control, the Company has the right to cancel or suspend the whole or part order.

5. GUARANTEE

The Company's components are guaranteed to be of sound material and good workmanship. Under such guarantee the Company will at its option either repair or replace without charge any standard part of the said component which becomes defective in proper use and fair wear and tear within a period of 12 months from date of shipment of the component provided the Company is promptly notified in writing of such defect occurring and the defective part is returned carriage paid to Decca Radar Canada (1967) Limited, Toronto, Canada.

Notwithstanding the guarantee terms as herein stated the Company shall have no liability under any warranty or condition implied by law or for any consequential loss or damage occurring to any structure or building on which the said component is permanently or temporarily located nor to any person or persons acting in connection with such components.

6. ORDERS

Should be made out to Austin Insulator Division, Decca Radar Canada (1967) Limited.

7. GOVERNMENT PERMITS

Any equipment is offered subject to the granting of Export and/or Export permits - by any Government concerned.

8. INJURY, LOSS OR DAMAGE

The customer shall indemnify the Company against all claims whether made under any contract or statute or under Common Law in respect of any loss or damage to any property whatsoever or injury to any person whatsoever arising out of any defect in material or workmanship in connection with any goods manufactured and/or sold by the Company, or any default or negligence on the part of the Company's servants in connection with or during the carrying out of any work by the Company on customer's or other person's property.

9. ACCEPTANCE OF QUOTATION

Acceptance of the Company's written quotation shall be taken as acceptance also of these terms and conditions of sale subject to any variation thereto agreed by the Company in writing.

10. SPECIFICATIONS

All prices quoted are for the supply of components or materials in accordance with the Company's Specification current at time of despatch except where otherwise stated in writing.
AUSTIN BASE INSULATORS
for RADIO ANTENNA MASTS AND TOWERS
(MULTI ELEMENT)

EIGHT ELEMENT INSULATOR STYLE
A-3920 DESIGNED FOR 1,000,000 POUND WORKING LOAD.

A-2913-D, A-3782, A-4408 Suitable for applications where load may be applied in

tension or compression on self supporting towers.
Porcelain is always loaded in compression, the load in tension is taken on an internal
high strength link.

- Oil filled to eliminate losses due to water condensation on internal surfaces.
- Thermatically controlled heaters eliminate condensation on external surfaces.

SPECIFICATIONS OF AUSTIN MULTI-ELEMENT OIL FILLED BASE INSULATORS TO MEET
OTHER ELECTRICAL OR MECHANICAL REQUIREMENTS ARE AVAILABLE ON REQUEST.

PLEASE REFER TO DECCA RADAR CAN
INSULATOR DIVISION, STANDARD CONDI
OVERLEAF.
DECCA RADAR CANADA (1967) LIMITED
hereafter referred to as the ‘Company’

CONDITIONS OF SALE
(U.S.A.)

1. PRICE

All prices quoted are ex-U.S. funds, U.S. duty paid, F.O.R. Toronto, Canada. Payment is to be made to

the Company at Toronto.

2. PAYMENT

Terms net thirty days to established accounts.

3. DUTY AND TAXES

Customer clearance is handled and duty is paid by the Company when the goods enter the U.S.A. and

the Company has no additional duty or brokerage charges to pay. Prices quoted do not include any

applicable U.S. Federal or State taxes.

4. DELIVERY

Terms of delivery are subject to the Company's ability to deliver within the time specified but shall not be held

responsible for any losses or other consequences as a result of delay in delivery due to weather or other

factors beyond the control of the Company.

5. GUARANTEE

The Company guarantees the insulation provided by the Company is free from defects in workmanship and

materials for a period of one year from the date of shipment. Any claim for loss or damage occurring in

transportation or at destination must be made immediately upon receipt of shipment.

6. ORDERS

Orders should be made out to Austin Insulator Division, Decca Radar Canada (1967) Limited.

7. GOVERNMENT PERMIT

Any equipment is offered subject to the granting of Import and/or Export permits - by any Government

concerned.

8. LIABILITY

The Company will not be held responsible for any loss or damage to any property whatsoever or injury

to any person whatever arising out of any defect in material or workmanship in connection with any

company's or other person's property.

9. ACCEPTANCE OF QUOTATION

Acceptance of the Company's written quotation shall be taken as acceptance also of these terms and

conditions of sale subject to any variation thereto agreed by the Company in writing.

10. SPECIFICATIONS

All prices quoted are for the supply of components or materials in accordance with the Company's

specifications current at time of quotation, except where otherwise stated in writing.

For further information contact...
DECCA RADAR
AUSTIN INSULATOR DIVISION

AUSTIN BASE INSULATORS
for
RADIO ANTENNA MASTS AND TOWERS
(MULTI ELEMENT)


A-2913-D, A-3782, A-4408 Suitable for applications where load may be applied in
tension or compression as on self supporting towers.

Porcelain is always loaded in compression, the load in tension is taken on an internal
high strength link.

- Oil filled to eliminate losses due to water condensation on internal surfaces.
  Thermostatically controlled heaters eliminate condensation on external surfaces.

- Smooth insulator finish minimizes leakage and flashover due to surface contamination.

SPECIFICATIONS OF AUSTIN MULTI-ELEMENT OIL FILLED BASE INSULATORS TO MEET
OTHER ELECTRICAL OR MECHANICAL REQUIREMENTS ARE AVAILABLE ON REQUEST.

1 JUNE 1971
**AUSTIN BASE INSULATORS**

**(MULTI ELEMENT)**

### TYPES A-2913-D, A-3782, A-4408

**DIMENSIONS**

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<th>B</th>
<th>C</th>
<th>D</th>
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<tr>
<td>A-3782</td>
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<td>30&quot;</td>
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<td>3-1/2&quot;</td>
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**SPECIFICATIONS**

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<th>C</th>
<th>D</th>
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<td>8&quot;</td>
<td>30&quot;</td>
<td>3-1/2&quot;</td>
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**DIMENSIONS**

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<th>B</th>
<th>C</th>
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<td>1,000 lbs</td>
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</table>

**SPECIFICATIONS**

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<tr>
<th>TYPE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-3663</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,000 lbs</td>
</tr>
<tr>
<td>A-3663-B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,000 lbs</td>
</tr>
<tr>
<td>A-4447</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,000 lbs</td>
</tr>
<tr>
<td>A-3820-R</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,000 lbs</td>
</tr>
<tr>
<td>A-4544</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,000 lbs</td>
</tr>
</tbody>
</table>

**For further information contact . . . .**
Price List
(U.S.A.)
AUSTIN BASE INSULATORS for
RADIO ANTENNA MASTS AND TOWERS
(MULTI ELEMENT)

<table>
<thead>
<tr>
<th>TYPE</th>
<th>PRICE (U.S. FUNDS)</th>
<th>DUTY PAID</th>
<th>F.O.B. TORONTO</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-3663</td>
<td>$ 650.00</td>
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<tr>
<td>A-3663-B</td>
<td>800.00</td>
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</tr>
<tr>
<td>A-4447</td>
<td>1,500.00</td>
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<td></td>
</tr>
<tr>
<td>A-3820-R</td>
<td>3,000.00</td>
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<tr>
<td>A-4544</td>
<td>5,500.00</td>
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<tr>
<td>A-2913-D</td>
<td>2,500.00</td>
<td></td>
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<tr>
<td>A-3782</td>
<td>4,000.00</td>
<td></td>
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</tr>
<tr>
<td>A-4408</td>
<td>10,000.00</td>
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</tr>
</tbody>
</table>

If lightning gap not required - deduct $75.00
If heaters and thermostat fitted - add $20.00 per element

PLEASE REFER TO DECCA RADAR CANADA (1967) LIMITED, AUSTIN INSULATOR DIVISION, STANDARD CONDITIONS OF SALE OVERLEAF.
1. **PRICE**

All prices quoted are net U.S. funds, U.S. duty paid, F.O.B. Toronto, Canada. Payment is to be made to the Company at Toronto.

2. **PAYMENT**

Terms net thirty days to established accounts.

3. **DUTY AND TAXES**

Customs clearance is handled and duty is paid by the Company when the goods enter the U.S.A. and the customer has no additional duty or brokerage charges to pay. Prices quoted do not include any applicable U.S. Federal or State taxes.

4. **DELIVERY**

The Company will use its best efforts to make delivery in the time specified but shall not be held responsible for any loss or other consequence as a result of delay in delivery of the equipment. If the Company is unable to deliver the whole or any part of the order due to reasons outside the Company's control, the Company has the right to cancel or suspend the whole or part order.

5. **GUARANTEE**

The Company's components are guaranteed to be of sound material and good workmanship. Under such guarantee the Company will at its option either repair or replace without charge any standard part of the said component which becomes defective in proper use and fair wear and tear within a period of 12 months from date of shipment of the component provided the Company is promptly notified in writing of such defect occurring and the defective part is returned carriage paid to Decca Radar Canada (1967) Limited, Toronto, Canada.

Notwithstanding the guarantee terms as herein stated the Company shall have no liability under any warranty or condition implied by law or for any consequential loss or damage occurring to any structure or building on which the said component is permanently or temporarily located nor to any person or persons acting in connection with such components.

6. **ORDERS**

Should be made out to Austin Insulator Division, Decca Radar Canada (1967) Limited.

7. **GOVERNMENT PERMITS**

Any equipment is offered subject to the granting of Import and/or Export permits - by any Government concerned.

8. **INJURY, LOSS OR DAMAGE**

The customer shall indemnify the Company against all claims whether made under any contract or statute or under Common Law in respect of any loss or damage to any property whatsoever or injury to any person whatsoever arising out of any defect in material or workmanship in connection with any goods manufactured and/or sold by the Company, or any default or negligence on the part of the Company's servants in connection with or during the carrying out of any work by the Company on customer's or other person's property.

9. **ACCEPTANCE OF QUOTATION**

Acceptance of the Company's written quotation shall be taken as acceptance also of these terms and conditions of sale subject to any variation thereto agreed by the Company in writing.

10. **SPECIFICATIONS**

All prices quoted are for the supply of components or materials in accordance with the Company's Specification current at time of despatch except where otherwise stated in writing.
AUSTIN BASE INSULATORS
for
RADIO ANTENNA MASTS AND TOWERS
(SINGLE ELEMENT)

THE DESIGN OF AUSTIN BASE INSULATORS RESULTS FROM DECADES OF RADIO INSULATOR EXPERIENCE AND IS ATTESTED BY THE PROVEN RELIABILITY OF THE THOUSANDS IN USE THROUGHOUT THE WORLD.

TYPES A-2360-S, A-4881, A-4729 AND A-3167-D
- Suitable for applications where load may be applied in tension or compression as on self supporting towers.
- Porcelain is always loaded in compression, the load in tension is taken on an internal high strength link.
- Oil filled to eliminate losses due to water condensation on internal surfaces.
- Smooth insulator finish minimizes leakage and flashover due to surface contamination.

- Suitable for use with guyed masts.
- Porcelain loaded in compression only.

SPECIFICATIONS OF SINGLE AND MULTI ELEMENT OIL FILLED BASE INSULATORS FOR HIGHER VOLTAGES AND/OR MECHANICAL LOADS ARE AVAILABLE ON REQUEST.
# Austin Base Insulators


### Dimensions

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-4197-5</td>
<td>11.6&quot;</td>
<td>29cm</td>
<td>33&quot;</td>
<td>18cm</td>
<td>16cm</td>
<td>18cm</td>
<td>2&quot;</td>
</tr>
<tr>
<td>A-4197-4</td>
<td>13.4&quot;</td>
<td>35cm</td>
<td>33&quot;</td>
<td>18cm</td>
<td>16cm</td>
<td>18cm</td>
<td>2&quot;</td>
</tr>
<tr>
<td>A-4292</td>
<td>26.023&quot;</td>
<td>66cm</td>
<td>39&quot;</td>
<td>30cm</td>
<td>25cm</td>
<td>25cm</td>
<td>8&quot;</td>
</tr>
<tr>
<td>A-4722-B</td>
<td>36.125&quot;</td>
<td>92cm</td>
<td>39&quot;</td>
<td>30cm</td>
<td>25cm</td>
<td>25cm</td>
<td>8&quot;</td>
</tr>
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</table>

### Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Type No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-4197-5</td>
<td>6&quot;</td>
<td>40,000 lbs.</td>
<td>60,000 lbs.</td>
</tr>
<tr>
<td>A-4197-4</td>
<td>8&quot;</td>
<td>40,000 lbs.</td>
<td>60,000 lbs.</td>
</tr>
<tr>
<td>A-4292</td>
<td>7&quot;</td>
<td>80,000 lbs.</td>
<td>100,000 lbs.</td>
</tr>
<tr>
<td>A-4722-B</td>
<td>14&quot;</td>
<td>345,000 lbs.</td>
<td>345,000 lbs.</td>
</tr>
</tbody>
</table>

---

## Types A-2360-S, A-4881, A-4729, A-3167-D

### Dimensions

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-2360-S</td>
<td>29&quot;</td>
<td>71cm</td>
<td>34&quot;</td>
<td>21cm</td>
<td>8.25&quot;</td>
<td>8.30&quot;</td>
</tr>
<tr>
<td>A-4881</td>
<td>36.5&quot;</td>
<td>93cm</td>
<td>39&quot;</td>
<td>21cm</td>
<td>8.25&quot;</td>
<td>8.30&quot;</td>
</tr>
<tr>
<td>A-4292</td>
<td>37.25&quot;</td>
<td>95cm</td>
<td>39&quot;</td>
<td>21cm</td>
<td>8.25&quot;</td>
<td>8.30&quot;</td>
</tr>
<tr>
<td>A-3167-D</td>
<td>36.5&quot;</td>
<td>93cm</td>
<td>39&quot;</td>
<td>21cm</td>
<td>8.25&quot;</td>
<td>8.30&quot;</td>
</tr>
</tbody>
</table>

### Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Type No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-2360-S</td>
<td>225</td>
<td>300,000 lbs.</td>
<td>36,000 lbs.</td>
</tr>
<tr>
<td>A-4881</td>
<td>290</td>
<td>300,000 lbs.</td>
<td>36,000 lbs.</td>
</tr>
<tr>
<td>A-4292</td>
<td>290</td>
<td>300,000 lbs.</td>
<td>36,000 lbs.</td>
</tr>
<tr>
<td>A-3167-D</td>
<td>290</td>
<td>300,000 lbs.</td>
<td>36,000 lbs.</td>
</tr>
</tbody>
</table>

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For further information contact . . . .

Printed in Canada

Austin Insulator Division, Decca Radar Canada (1967) Limited

23 Six Point Road, Toronto 18, Ontario. Telephone: (416) 299-1161 Telex: 02-2098 Cable: Decadrar Toronto
# Price List

(U.S.A.)

**AUSTIN BASE INSULATORS**

for

**RADIO ANTENNA MASTS AND TOWERS**

*(SINGLE ELEMENT)*

<table>
<thead>
<tr>
<th>TYPE</th>
<th>PRICE (U.S. FUNDS) DUTY PAID F.O.B. TORONTO</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-4197-S</td>
<td>$140.00</td>
</tr>
<tr>
<td>A-4197-L</td>
<td>150.00</td>
</tr>
<tr>
<td>A-4722</td>
<td>200.00</td>
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<tr>
<td>A-4722-B</td>
<td>225.00</td>
</tr>
<tr>
<td>Lightning gap for above group</td>
<td>15.00</td>
</tr>
<tr>
<td>A-2360-S</td>
<td>450.00</td>
</tr>
<tr>
<td>A-4881</td>
<td>550.00</td>
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<td>A-4729</td>
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<tr>
<td>A-3167-D</td>
<td>775.00</td>
</tr>
<tr>
<td>Lightning gap for above group</td>
<td>30.00</td>
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</table>

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1 JUNE 1971
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