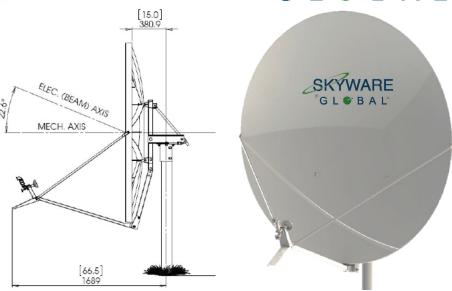
Type 183: 1.8m Rx/Tx Extended Ku-Band SFL Class III Antenna







- ISO 9001:2008 Certificate of Registration
- One-piece precision SMC Reflector
- Precision Az/EI Mount
- Fine Azimuth and Elevation Adjustment Features
- All Materials Comply with EU Directive No. 2002/95/EC (RoHS)



- 720 Hour Salt Spray Hardware
- Standard Waveguide Flange Interface

The Skyware Global 1.8m Rx/Tx Extended Ku-Band SFL Class III Antenna is a rugged, commercial quality product suitable for the most demanding applications.

- The reflector is constructed from glass fiber reinforced polyester [SMC] for strength and accuracy. A proprietary process developed by Skyware Global ensures high RF reflectivity as needed for Ku-Band operation.
- The precision Az/EI mount is made of galvanized steel for excellent corrosion resistance. This mount includes special features to increase pointing accuracy with low backlash and lockdown error.
- This Az/EI allows the antenna to be installed on standard (114mm) [4.50"] OD installation mounts.
- All hardware is plated to 720 hour salt spray standards tested in accordance with ASTM B-117.
- Cross-Polarization Isolation of 30dB on axis.
- Excellent Tx Port-to-Port Isolation of 90dB or better.
- Meets or exceeds regulator agency requirements.
- Heavy-duty Class III mount for 11 kg (25 lb) RF electronics (LNB & BUC).



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PRODUCT SPECIFICATIONS

RF Performance

	ency
Polarization	Linear Orthogonal
	0.8° @ 14.3GHz 1.1° @ 11.2GHz
Mainbeam< q< 2 20° < q< 26.3° . 26.3° <q< .<="" 48°="" td=""><td>oe (Tx, Co-Pol dBi) 20°</td></q<>	oe (Tx, Co-Pol dBi) 20°
	olarization30 dB (on Axis)26 dB in .5 dB Contour
20° EL	emperature
VSWR	

TX......1.3:1 Max

(All specifications typical)

(* With Skyware Global OMT/Filter)

Satcom solutions for the long haul

1.8m Rx/Tx Extended Ku-Band SFL Class III Antenna

Mechanical Performance

Environmental Performance

Shock and Vibration As Encountered during



Shipping and handling

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Isolation*(Port to Port)

Feed Interface