SKYware GLOBAL

PRODUCT SPECIFICATIONS









Detail Photos
(on right from top to bottom)
Pre-assembled Az/El Mount
Fine-elevation adjustment with stamped degree scale
Ku feed assembly with LNB cover

84 cm Elliptical Receive-Only Antenna System

TYPE 845

The reflector is thermoset-molded for strength and surface accuracy.

The Skyware Global 84 cm Type 845 Elliptical Antenna is a rugged commercial grade product suitable for the most demanding applications.

The reflector is thermoset-molded for strength and surface accuracy.

Molded into the rear of the reflector is a network of support ribs which not only strengthens the antenna, but also helps to sustain its critical parabolic shape.

The pole mount is constructed from heavy-gauge steel to provide a rigid support to the reflector. A specially formulated powder paint process offers excellent protection from weather related corrosion.

- All materials comply with EU directive No. 2002/95/EC (RoHS).
- One-piece thermoset-molded offset reflector.
- Factory pre-assembled Az/El mount.
- Plated hardware for maximum corrosion resistance.

SPECIFICATIONS

Type 845 84 cm Elliptical Receive Only Antenna System

RF Performance

Effective Aperture	84 cm Elliptical (33 in)
Dimensions of Reflector	102 cm x 77 cm
Operating Frequency	10.95 - 12.75 GHz
Polarization	Linear
Gain @ 11.95 GHz	39. dBi
3 dB Beamwidth	1.8°
Antenna Noise Temperature @ 30° El	25° K
VSWR	1.3:1
Cross-Polarization Discrimination (Linear)	30 dB on Axis
Feed Interface	WR75 Flat Flange

(All specifications typical)

Mechanical Performance

Reflector Material		Glass Fiber Reinforced Polyester
Antenna Optics		One-Piece Offset Feed Prime Focus
Mount Type		Skew over Elevation over Azimuth
Elevation Adjustment Range		5° - 90° Continuous Fine Adjustment
Azimuth Adjustment Range		360° Continuous
Polarization (Skew) Adjustment Range		±90° Continuous
Mast Pipe Interface		60 mm (2.38 in)
Wind Loading	Operational	80 km/h (50 mph)
	Survival	200 km/h (125 mph)
Temperature		-50°C to 80°C
Humidity		0 to 100% (Condensing)
Atmosphere		Standard Hardware Meets 500 Hour Salt Spray Test Requirements (ASTM B-117)
Solar Radiation		360 BTU/h/ft²
Shock and Vibration		As Encountered During Shipping and Handling

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satcom solutions for the world™

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All designs, specifications and availabilities of products and services presented in this bulletin are subject to change without notice.
VSR-002.2
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Calley Charlton

From: Kathy Passer [KathyPasser@SkywareGlobal.com]
Sent: 03 June 2011 17:40
To: Calley Charlton; Bob Patel
Subject: RE: 84cm dish
Attachments: Type 845 VSR002.pdf

Categories: Awaiting response

Calley,
Here is our spec sheet. Weight is no listed on it, but it's a one box solution and the box has the following dims and wts:

	Metric					-	Imperial				
	WEIGHT kg	VOLUME cu cm	Length cm	Width cm	Height cm		Weight lb	Volume Cubic In	Length in	Width in	Height in
62-8450101											
6110116-11	14.28	165370	105.4	79.1	19.8		31.48	10091	41.5	31.1	7.8

Regards,

Kathy Passer
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From: Calley Charlton [mailto:CCharlton@sislive.tv]
Sent: Friday, June 03, 2011 5:30 AM
To: Bob Patel; Kathy Passer
Subject: FW: 84cm dish

Hello,
Would you have a spec sheet for this dish you supply us at all which answers the questions below?

Thanks,
Calley