

1.8m Quick-Deploy Antenna System

Features

4-Piece Aluminum Reflector
Pre-Assembled Tripod Base Mount w/Pull Pins
C, Ku and Ka Band Feed Systems Available
Sturdy Boom Accommodates Outdoor Units
Adjustable Feet for Uneven Surfaces
Optional Lightweight Cases for Easy Transportation
Azimuth and Elevation Hand Crank
10 Minute Setup, No Tools Needed

Description

The Challenger Communications 1.8 Meter Quick-Deploy Antenna System incorporates precision assembled reflector panels with our rugged **Antenna Armor**™ backing structure.

To ensure quality and performance, Challenger panels are inspected for R.M.S. accuracy using the latest in laser measurement techniques.

All reflectors and mounts are produced from high quality materials and are made in the USA.

nsmit 5 - 14.5
5 - 14.5
dB typ
dB typ
dB
75
6
dB
lB
25 log θ
dBi
25 log θ
lBi

Mechanical Specifications			
Antenna Optics	Single Offset		
Mount Type	Elevation over Azimuth Tripod		
Elevation Adjustment	O° to 90° Continuous Fine Adjustment		
Azimuth Adjustment	+30° Fine, 360° Continuous		

Reflector Case	88 lbs./40 kg	11 x 44 x 43 in.
		28 x 112 x 109 cm
Mount Case	156 lbs./71 kg	69 x 29 x 19 in.
		175 x 74 x 48 cm

Environmental Performance		
Wind Loading	Standard	Metric
Operational (No Ballast/Anchors)	25 mph	40 km/h
Operational (w/Ballast/Anchors)	45 mph	72 km/h
Survival (w/Ballast/Anchors)	90 mph	145 km/h
Temperature	-40° to 140°F	-40° to 60°C
Rain	.5 in./h	1.3 cm/h
Solar Radiation	360 BTU/h/ft²	1000 Kcal/h/m²



Made in the USA

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