

1.0m Quick-Deploy Manpack Antenna System



VS-100QD6LS-KU
1.0m Quick-Deploy System



- **6-piece Sectional Reflector**
- **Low-profile Mount**
- **All Captive Hardware**
- **Quick and Easy Setup (Less than 5 minutes)**
- **Fine Tune Azimuth and Elevation**
- **Hard or Soft Case Options**

RF Specifications	Ku Linear	
	Receive	Transmit
Frequency in GHz	10.7-12.75	13.75-14.5
Antenna Gain (dBi ± 0.2 GHz)	39.6 @ 11.725	41.6 @ 14.125
Antenna Noise Temperature (°K) @ 11.725 GHz		
10° Elevation	62	
20° Elevation	52	
30° Elevation	48	
Cross Polarization Isolation (dB)		
On Axis	>30.0	>30.0
Within 1 dB Bandwidth	>22.0	>26.0
VSWR	<1.5:1	<1.2:1
Port to Port Isolation (dB)	>45	>80
Sidelobe Performance	Compliant with ITU-R S.580	
Port Configuration	2 Port Cross Pol	

Mechanical and Environmental Data	
Antenna Size	1.0 Meter
Antenna Optics	Offset
Reflector Construction	Aluminum
Mount Type	Low-Profile Mount
Adjustment Range	
Azimuth	360° Coarse / 120° Fine Adjustment
Elevation	5° to 90°
Polarization	360° Continuous
Bag (without Feed)	
	34"L x 20"W x 15"H, 65 lbs. (86.4cm x 50.8cm x 38.1cm, 29.5kg)
Temperature Range	
Operational	-28.9°C to 51.7°C (-20°F to 125°F)

QUICK-DEPLOY_VS-100QD6LS-KU_REV003
Specifications are subject to change without notice

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