

1.2m Quick-Deploy Manpack Antenna System



VS-120QD6LS-KU
1.2m Quick-Deploy System



Your Trusted Source for Satellite Equipment

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

RF Specifications	Linear	
	Receive	Transmit
Frequency in GHz	10.7-12.75	13.75-14.5
Feed - 2 - Port Xpol		
Return Loss	17.7 dB typ	20 dB typ
Insertion Loss	0.3 dB typ	0.1 dB typ
Tx/Rx Isolation	38 dB	80 dB
Feed Interface	WR75	WR75
Cross Polarization on axis	30 dB	35 dB
Tx/Rx Sidelobe Level	100λD < θ < 20°	
	20° < θ < 26.3°	
	26.3° < θ < 48°	
	48° < θ	
Midband Gain	41.6 dBi	43.3 dBi
Noise Temperature	68 K @ 10°EL	
	53 K @ 30°EL	

Mechanical and Environmental Data	
Antenna Size	1.2 Meter
Antenna Optics	Offset
Reflector Construction	Aluminum
Mount Type	Low-Profile Mount
Mount	Azimuth over elevation
Travel	Elevation: 10-90°, Azimuth: 360°
Wind	Operational: 20 mph (32 kph)
	Survival w/ Anchors: 30 gusting to 45 mph
Cases (with Feed)	(Back-pack style Case w/rollers & Extension Handle)
Case #1, Mount Case	32"L x 20"W x 13"H, 46 lbs. (81.3cm x 50.8cm x 33.0cm, 20.9kg)
Case #2, Reflector Case	32"L x 20"W x 13"H, 48 lbs. (81.3cm x 50.8cm x 33.0cm, 21.8kg)
Temperature Range	
Operational	+15°F to 125°F (-9°C to 51°C)
Survival	-45° to 140° (-60°C to 60°C)

QUICK-DEPLOY_VS-120QD6LS-KU_REV007
Specifications are subject to change without notice

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