

1.2m Quick-Deploy Manpack Antenna System



Your Trusted Source for Satellite Equipment



Also Available in hard cases. Call factory.

VS-120QD6LS-KU
1.2m 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**

RF Specifications		Ku Linear	
		Receive	Transmit
Frequency in GHz		10.7-12.75	13.75-14.5
Return Loss		17.7 dB	20 dB
Beamwidth	3dB	1.5°	1.2°
	15dB	3.3°	2.8°
Tx/Rx Isolation		35 dB	80 dB
Feed Interface		WR75	WR75
Cross Polarization on axis		30 dB	35 dB
Tx/Rx Sidelobe Level		100λD < θ < 20°	29 - 25 Log 0 dBi
		20° < θ < 26.3°	-3.5 dBi
		26.3° < θ < 48°	32 - 25 Log 0 dBi
		48° < θ	-10 dBi
Midband Gain		41.6 dBi	43.3 dBi
Noise Temperature		68 K @ 10°EL	
		53 K @ 30°EL	
Antenna Resolution 572 Complaint			

Mechanical and Environmental Data		
Antenna Size	1.2 Meter	
Antenna Optics	Offset	
Reflector Construction	Aluminium	
Mount Type	Low-Profile Mount	
Mount	Azimuth over elevation	
Travel	Elevation: 10-90°, Azimuth: 360°	
Cases (with Feed)	(Back-pack style soft 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	-40° to 140° (-40°C to 60°C)	
Wind Operational (No Ballast Anchors)	25 mph	40kmh
Wind Operational (w/Ballast/Anchors)	45 mph	72 kmh
Wind Survival (w/Ballast/Anchors)	90 mph	145 kmh
Rain	0.5 in/hr.	1.3 cm/h
Solar Radiation	360 BTU/h/ft ²	1000 Kcal/h/m ²

QUICK-DEPLOY_VS-120QD6LS-KU_REV010
Specifications are subject to change without notice

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