

WAYFARER™ WFM120KU

1.2m Ku-Band Manual Fly-Away

The Norsat WAYFARER™ commercial 1.2m fly-away antenna is a fast deploying, easy-to-use, and compact SATCOM VSAT. This antenna is an excellent choice for commercial applications in various industries.

The WAYFARER 1.2m fly-away antenna offers excellent rugged and reliable satellite links for remote enterprise, energy, emergency, and media applications.

FEATURES

- Rugged and lightweight pedestal design
- Lightweight and durable carbon fiber reflector
- Fast, simple, tool-free deployment
- 2-case packing solution
- Wide range of Norsat BUC and LNB configurations

ELECTRICAL SPECIFICATIONS (1/2)

Reflector aperture	1.2m
Reflector material	Carbon fiber
Feed configuration	Center
Tx frequency	13.75 to 14.50 GHz
Rx frequency	10.70 to 12.75 GHz
Tx gain	42.5+20log(f/14.25) dBi
Rx gain	41.5+20log(f/12.5) dBi
Polarization	Linear
Cross polarization (On-Axis)	≥35 dB
Rx/Tx isolation	Rx > 35dB Tx > 85dB
Sidelobe	First sidelobe < -14 dB
Azimuth range	±200°
Elevation range	0° to 90°
Polarization range	±90°
Feed interface	WR75

ACCESSORY OPTIONS (1/2)

BUC OPTIONS	BUC	BUC POWER SUPPLY	BUC M & C CABLE	BUC MOUNTING BRACKETS
2W	ELMTBKU002	Via IFL Cable Connection	Not Applicable	Not Required
3W	ELMTBKU003	Via IFL Cable Connection	Not Applicable	Not Required
4W	ELMTBKU004	Via IFL Cable Connection	Not Applicable	Not Required
6W	ELMTBKU006	Via IFL Cable Connection	Not Applicable	WFM090KUMT-006
8W	ELMTBKU008	Via IFL Cable Connection	Not Applicable	WFM090KUMT-008
10W	ELMTBKU010	Via IFL Cable Connection	Not Applicable	WFM090KUMT-010
16W	ATOMBKU016	PS300-AT1(NA/UK/EU/IEC)	CABLEM+C-AT10	WFA120KUMT-024
20W	ATOMBKU020	PS300-AT1(NA/UK/EU/IEC)	CABLEM+C-AT10	WFA120KUMT-024
40W	ATOMBKU040	PS300-AT1(NA/UK/EU/IEC)	CABLEM+C-AT10	WFA120KUMT-024



MECHANICAL SPECIFICATIONS

Ruggedized weatherproof case

Case 1 Pedestal assembly	Size: 80.2 cm (L) x 52 cm (W) x 31.6 cm (H); Weight: ≤25Kg
Case 2 Reflector / feed	Size: 84.5 cm (L) x 62 cm (W) x 49 cm (H); Weight: ≤24Kg

ENVIRONMENTAL SPECIFICATIONS

Wind load - operational	36 km/h
Wind load - survival	65 km/h
Temperature	-40°C to +60°C
Humidity	0-95% (20°C)
Water ingress	IP 65 (antenna only)





EUROSATCOM
VSATECH ASSOCIÉ

WAYFARER™ WFM120KU

1.2m Ku-Band Manual Fly-Away

LNB OPTIONS		SERIES		
LNB		1000H or HS1000		

IFL CABLE OPTIONS	NN-FF	NN-NN	FN-NN	FN-FF
IFL Cable (10m)	IFL-NN-FF-10	IFL-NN-NN-10	IFL-FN-NN-10	IFL-FN-FF-10

MODEM CABLE OPTION (For iDirect product only)

MOD-CABLE

INTEGRATION

WF-INT Assembly, function verification, and pointing test (standard product/RF packages only)



EUROSATCOM
VSATECH ASSOCIÉ

3 avenue du Canada, bât. Zeta, 91940 Les Ulis, France

+33 1 69 18 19 30

www.eurosatcom.eu

sales@eurosatcom.eu

