



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



SPECIFICATIONS

ELECTRICAL

Reflector aperture	1.2m
Reflector material	Carbon fiber
Feed Configuration	Center
Tx Frequency	13.75 to 14.5 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)	≥35dB
Rx/Tx isolation	Rx > 35dB Tx > 85dB
Sidelobe	First sidelobe < -14 dBi
Azimuth range	±200°
Elevation range	0° to 90°
Polarization range	±90°
Feed interface	WR75

MECHANICAL

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

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)

WAYFARER WFM120KU 1.2M KU-BAND MANUAL FLY-AWAY ANTENNA

HOW TO ORDER

WFM120KU

ACCESSORY OPTIONS

BUC OPTIONS

2W

ELMTBKU002

BUC POWER SUPPLY

Via IFL Cable Connection

BUC M & C CABLE

Not Applicable

BUC MOUNTING BRACKETS

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

WFM090KUMT-024

20W

ATOMBKU020

PS300-AT1(NA/UK/EU/IEC)

CABLEM+C-AT10

WFM090KUMT-024

40W

ATOMBKU040

PS300-AT1(NA/UK/EU/IEC)

CABLEM+C-AT10

WFM090KUMT-024

LNB OPTIONS

SERIES

LNB

1000H or HS1000

IFL CABLE OPTIONS

N - F

N - N

F - F

IFL Cable (10m)

CABLEIFLNF-10

CABLEIFLNN-10

CABLEIFLFF-10

INTEGRATION

WF-INT

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