



### 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**  
**3W**  
**4W**  
**6W**  
**8W**  
**10W**  
**16W**  
**20W**  
**40W**

#### BUC

ELMTBKU002  
ELMTBKU003  
ELMTBKU004  
ELMTBKU006  
ELMTBKU008  
ELMTBKU010  
ATOMBKU016  
ATOMBKU020  
ATOMBKU040

#### BUC POWER SUPPLY

Via IFL Cable Connection  
Via IFL Cable Connection  
Via IFL Cable Connection  
Via IFL Cable Connection  
Via IFL Cable Connection  
Via IFL Cable Connection  
PS300-AT1(NA/UK/EU/IEC)  
PS300-AT1(NA/UK/EU/IEC)  
PS300-AT1(NA/UK/EU/IEC)

#### BUC M & C CABLE

Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable  
CABLEM+C-AT10  
CABLEM+C-AT10  
CABLEM+C-AT10

#### BUC MOUNTING BRACKETS

Not Required  
Not Required  
Not Required  
WFM090KUMT-006  
WFM090KUMT-008  
WFM090KUMT-010  
WFM090KUMT-024  
WFM090KUMT-024  
WFM090KUMT-024

#### LNB OPTIONS

LNB

#### SERIES

1000H or HS1000

#### IFL CABLE OPTIONS

IFL Cable (10m)

#### NN-FF

IFL-NN-FF-10

#### NN-NN

IFL-NN-NN-10

#### FN-NN

IFL-FN-NN-10

#### FN-FF

IFL-FN-FF-10

#### FF-FF

IFL-FF-FF-10

### INTEGRATION

WF-INT

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



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