



### WAYFARER™ WFM180KU

#### 1.8m Ku-Band Manual Fly-Away

The Norsat WAYFARER™ commercial 1.8m 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 1.8m fly-away antenna offers excellent rugged and reliable satellite links for remote enterprise, energy, emergency, and media applications.

#### FEATURES

- Easy and intuitive web-based LinkControl™ Interface
- 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	1.8m
Reflector material	Carbon fiber
Reflector type	Offset
Tx frequency	13.75 to 14.5 GHz
Rx frequency	10.7 to 12.75 GHz
Tx gain	46.3+20log(f/14.25) dBi
Rx gain	45.3+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	±180°
Elevation range	0° to 90°
Polarization range	±90°
Feed interface	WR75

#### PACKAGING

Fiberboard case		
Case 1	Reflector	Size: 145 cm (L) x 77 cm (W) x 82 cm (H); Weight: ≤85Kg
Case 2	Pedestal assembly	Size: 166 cm (L) x 66 cm (W) x 59 cm (H); Weight: ≤64Kg

#### ENVIRONMENTAL

Wind load - operational	40 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 WFM180KU 1.8M KU-BAND MANUAL FLY-AWAY ANTENNA

## HOW TO ORDER

# WFM180KU

### ACCESSORY OPTIONS

#### BUC OPTIONS

	8W	20W	40W	80W
BUC	BUC-ELMTKU008	ATOMBKU020	ATOMBKU040	ATOMBKU080
BUC power supply	n/a	PS-300ATKU-(NA/UK/EU/IEC)	PS-300ATKU-(NA/UK/EU/IEC)	PS-600ATKU-(NA/UK/EU/IEC)
BUC M & C cable	n/a	CABLEM+C-AT10	CABLEM+C-AT10	CABLEM+C-AT10
BUC mounting brackets	WFM180KUMT-008	WFM180KUMT-024	WFM180KUMT-024	WFM180KUMT-080

#### LNB OPTIONS

LNB	1000H or HS1000
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#### IFL CABLE OPTIONS

	FF-FF	NN-FF	NN-NN
IFL Cable (10m)	WIFLFF-FF-10	WIFLNN-FF-10	WIFLNN-NN-10

#### INTEGRATION

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

Custom integration (anything other than standard product/RF packages)