



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)



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