



WAYFARER™ WFM080KA

0.8m Ka-Band Manual Fly-Away

The Norsat WAYFARER™ commercial 0.8m 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 0.8m 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
- 1-case packing solution
- Wide range of Norsat BUC and LNB configurations

ELECTRICAL SPECIFICATIONS 1/2

Reflector aperture	0.8m
Reflector material	Carbon fiber
Feed configuration	Center
Tx frequency	29.0 to 30.0 GHz
Rx frequency	19.2 to 20.2 GHz
Tx gain	45.0 + 20lg(f/30.0) dBi
Rx gain	41.4 + 20lg(f/20.0) dBi
Polarization	Circular
Cross polarization (axial ratio)	1.5dB

ELECTRICAL SPECIFICATIONS 2/2

Rx/Tx isolation	Rx > 35dB Tx ≥ 85dB
Sidelobe	First sidelobe < -14 dB
Azimuth range	±180°
Elevation range	0° to 90°
Feed interface	Tx: WR28 Rx: WR42

PACKAGING SPECIFICATIONS

Ruggedized weatherproof case	Size: 85.6 cm (L) x 72.5 cm (W) x 41.6 cm (H); Weight: ≤22Kg
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ENVIRONMENTAL SPECIFICATIONS

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)

ACCESSORY OPTIONS

BUC OPTIONS	BUC	BUC POWER SUPPLY	BUC M & C CABLE	BUC MOUNTING BRACKETS
12W	ELMTBKA012	PS300-AT1(NA/UK/EU/IEC)	CABLEM+C-AT10	WFA120KUMT-024
25W	ATOMBKA025	PS300-AT1(NA/UK/EU/IEC)	CABLEM+C-AT10	WFA120KUMT-024
50W	ATOMBKA050	PS600-AT1(NA/UK/EU/IEC)	CABLEM+C-AT10	WFA120KUMT-024

LNB OPTIONS	SERIES
LNB	9000 Series

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

INTEGRATION

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

