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

SPECIFICATIONS

ELECTRICAL

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
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

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

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)

Norsat
International Inc.

sales@norsat.com
www.norsat.com

WAYFARER WFM080KA 0.8M KA-BAND MANUAL FLY-AWAY ANTENNA

HOW TO ORDER

WFM080KA

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)