WAYFARER™ WFA120KA

1.2m Ka-Band Auto 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

- Easy and intuitive LinkControl™ Interface
- Rugged and lightweight pedestal design
- Lightweight and durable 8 segment carbon fiber reflector
- Fast, simple, tool-free deployment
- Automatic 3-axis acquisition
- 2-case packing solution
- Wide range of Norsat BUC and LNB configurations
- Set up in 5 minutes

SPECIFICATIONS

ELECTRICAL

Reflector Aperture	1.2m
Reflector Material	Carbon fiber
Feed Configuration	Center
Tx Frequency	29.0 to 31.0 GHz
Rx Frequency	18.7 to 21.2 GHz
Tx Gain	46.4 dBi @ 29.0 GHz
Rx Gain	43.3 dBi @ 18.7 GHz
Polarization	Circular
Cross Polarization (Axial Ratio)	1.5 dB
Tx/Rx Isolation (Port Isolation)	Tx ≥ 100 dB
Sidelobe	First sidelobe -14 dB
Azimuth Range	± 200°
Elevation Range	10° to 90°
Azimuth Speed	0.1°/s to 3°/s
Elevation Speed	0.1°/s to 3°/s
Feed Interface	Tx: WR28 Rx: WR42
Power Supply	AC110-230V 50/60Hz, rated 200W, 550W max

MECHANICAL

Ruggedized weatherproof case

Case 1	Pedestal assembly	Size: 79.5 cm (L) x 51.8 cm (W) x 31 cm (H); Weight: ≤ 32Kg
Case 2	Reflector / feed	Size: 84.5 cm (L) x 62 cm (W) x 49 cm (H); Weight: ≤ 32Kg

ENVIRONMENTAL

Wind Load - Operational	49 km/h
Wind Load - Survival	100 km/h
Operational Temperature	-30°C to +50°C
Storage Temperature	-50°C to +70°C
Humidity	0-95%
Ingress Protection	IP 65 (antenna only)

WAYFARER WFA120KA 1.2M KA-BAND AUTO FLY-AWAY ANTENNA

HOW TO ORDER

WFA120KA-NA

KA: Ka-Band

AC POWER PLUG

NA = North America	(NEMA 5/15)
UK = United Kingdom	(BS 1363)
EU = Europe	(CEE 7/7)
IEC = IEC	(60320 CIA)
CN = China	(Type I Plug)

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

MODEM CABLE OPTION (For iDirect product only)

MOD-CABLE

INTEGRATION

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

Request A Quote