



WAYFARER™ WFM090KU

0.9m Ku-Band Manual Fly-Away

The Norsat WAYFARER™ commercial 0.9m 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 0.9m 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	0.9m
Reflector material	Carbon fiber
Feed configuration	Center
Tx frequency	13.75 to 14.5 GHz
Rx frequency	10.70 to 12.75 GHz
Tx gain	40.0+20log(f/14.25) dBi
Rx gain	38.8+20log(f/12.5) dBi
Polarization	Linear
Cross polarization (On-Axis)	≥35dB
Rx/Tx isolation	Rx > 35dB Tx ≥ 85dB
Sidelobe	First sidelobe < -14 dB
Azimuth range	±180°
Elevation range	0° to 90°
Polarization range	±90°
Feed interface	WR75

PACKAGING

Ruggedized weatherproof case	Size: 85.6 cm (L) x 72.5 cm (W) x 41.6 cm (H); Weight: ≤25Kg
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ENVIRONMENTAL

Wind load - operational	70 km/h
Wind load - survival	100 km/h
Temperature	-40°C to +60°C
Humidity	0-95% (20°C)
Water ingress	IP 65 (antenna only)

WAYFARER WFM090KU 0.9M KU-BAND MANUAL FLY-AWAY ANTENNA

HOW TO ORDER

WFM090KU-RC

_____ **CASE** RC = Ruggedized weatherproof case

ACCESSORY OPTIONS

BUC OPTIONS	BUC	BUC POWER SUPPLY	BUC M & C CABLE	BUC MOUNTING BRACKETS
2W	ELMTBKU002	Via IFL Cable Connection	Not Applicable	Not Required
3W	ELMTBKU003	Via IFL Cable Connection	Not Applicable	Not Required
4W	ELMTBKU004	Via IFL Cable Connection	Not Applicable	Not Required
6W	ELMTBKU006	Via IFL Cable Connection	Not Applicable	WFM090KUMT-006
8W	ELMTBKU008	Via IFL Cable Connection	Not Applicable	WFM090KUMT-008
10W	ELMTBKU010	Via IFL Cable Connection	Not Applicable	WFM090KUMT-010
16W	ATOMBKU016	PS300-AT1(NA/UK/EU/IEC)	CABLEM+C-AT10	WFM090KUMT-024
20W	ATOMBKU020	PS300-AT1(NA/UK/EU/IEC)	CABLEM+C-AT10	WFM090KUMT-024
40W	ATOMBKU040	PS300-AT1(NA/UK/EU/IEC)	CABLEM+C-AT10	WFM090KUMT-024

LNB OPTIONS

LNB 1000H or HS1000 Series, with Type F (75 Ohm) Connector

IFL CABLE OPTIONS

IFL Cable (10m)	NN-FF	NN-NN	FN-NN	FN-FF	FF-FF
	IFL-NN-FF-10	IFL-NN-NN-10	IFL-FN-NN-10	IFL-FN-FF-10	IFL-FF-FF-10

INTEGRATION

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



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