

## Parabolic antenna for SAF Spectrum Compact E-band



Compact, lightweight, and reliable parabolic antenna systems are essential part of the ultimate solution for performing microwave link measurements, performance checks, failure searches and interference detections using SAF Spectrum Compact. It is easy to climb the tower with the small-size and lightweight parabolic antenna that can be mounted on horizontal or vertical pole by hand without any tools.

This antenna kit provides: tool free fine adjustment for both azimuth and elevation, offset (either left or right) mounting options, fine polarization adjustment, and a viewing kit for finding the main beam.



## Antenna Specifications

### Electrical Specifications

Operating Frequency	70.0-87.0 GHz
Diameter, mm	170
Diameter, in	6.7
Polarization	Linear Simplex (Horizontal or Vertical)
Half-Power Beamwidth	1.7°
Return Loss	14 dB
Front-to-Back Ration	53 dB
Cross-Polar Discrimination	25 dB
Connection Flange	UG387/U
Gain	38 dBi

### Antenna Pointing Range

Azimuth	± 20°
Elevation	± 30°

### Material and Finish

Mount	Aluminum
Maximum pole diameter, in	4.5
Installation Hardware	Stainless Steel
Feed	Aluminum

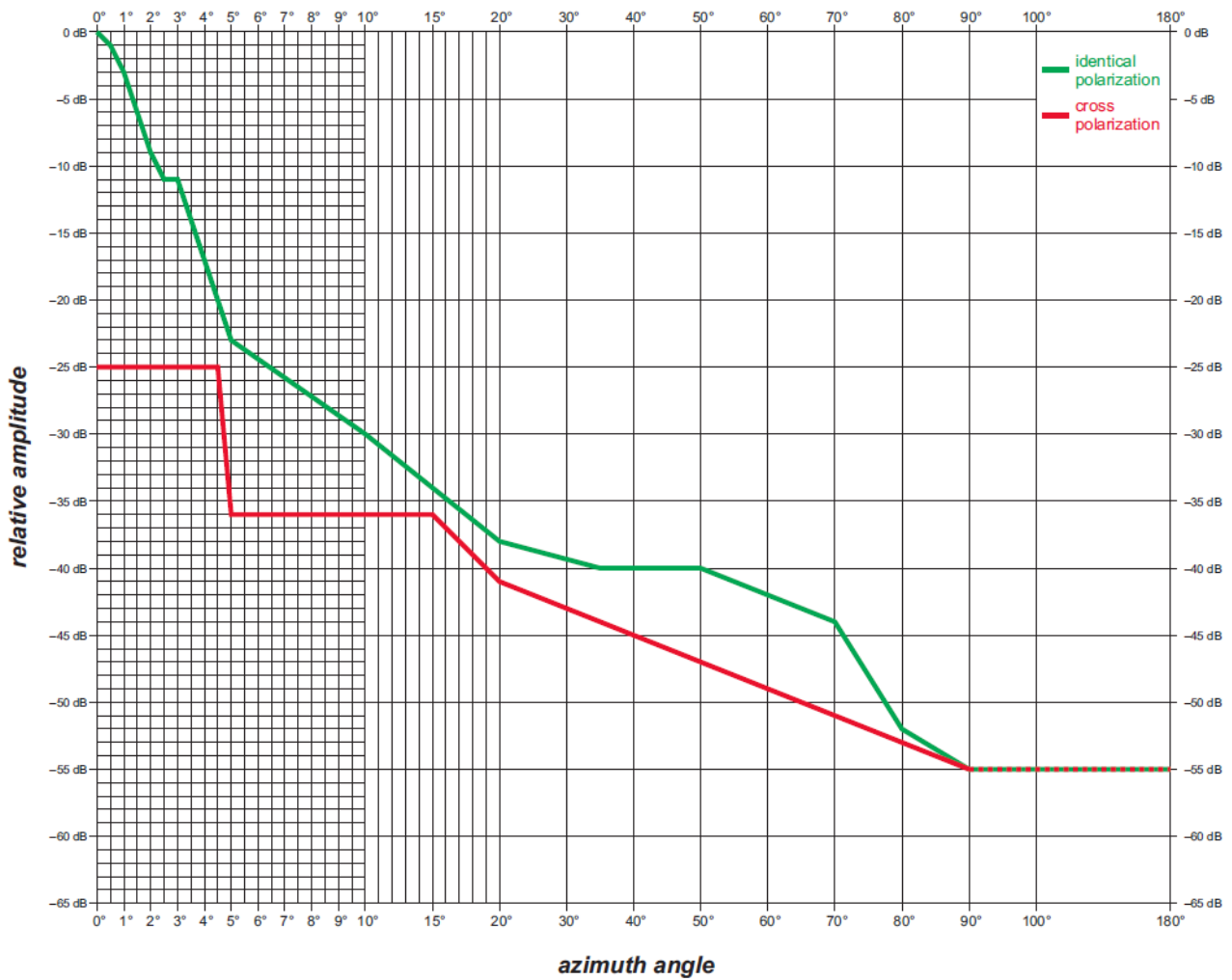
### Environmental Specifications

Operating Windspeed	120 km/h
Survival Windspeed	220 km/h
Ambient Temperature	± 55°

### ETSI Standard

ETSI Range	7
ETSI Class	3

### Radiation Pattern Envelope



For more detailed information about SAF products visit [www.saftehnika.com](http://www.saftehnika.com) or contact your SAF representative [info@saftehnika.com](mailto:info@saftehnika.com). Product features may vary between different models and configurations. They are subject to change without prior notice.

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