



HXPA ... 44 Series Antenna Specifications

HXPA 1.5 D 44 FR

HXPA 1.8 D 44 FR

Electrical Specification

Operating Frequency	4.400–5.000 GHz	
Diameter	1.5 m	1.8 m
Gain mid-band	34.0 dBi	35.5 dBi
Polarization	Linear Duplex (Horizontal and Vertical)	
Half-Power Beamwidth	3.0°	2.5°
Return Loss	–23.1 dB	–28.3 dB
Front-to-Back Ratio	58 dB	62 dB
Cross-Polar Discrimination	40 dB	40 dB
Inter-Port Isolation	45 dB	45 dB
Flange ¹	Upon Customer's Request	

¹ Coaxial cable connector, standard waveguide flanges or any ODU interface is available upon request.

Mechanical Specification

Net Weight ²	90 kg	151 kg
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² Approximate weight (net weight depends on the required interfaces). Clamps, adjustment system and side strut are included.

Antenna Pointing Range

Azimuth <i>fine</i>	±5°	±5°
Elevation <i>fine</i>	±5°	±5°

Material and Finish

Mount	Hot-Dip-Galvanized Steel	
Installation Hardware	Stainless Steel	
Feed	Aluminium	

Environmental Specification

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

ETSI Standard

ETSI Range	1	1
ETSI Class	3	3