



HXPA ... 130 Series Antenna Specifications

	HXPA 0.8 D 130 FR	HXPA 1.2 D 130 FR	HXPA 1.5 D 130 FR	HXPA 1.8 D 130 FR
Electrical Specification				
Operating Frequency	12.750–13.250 GHz			
Diameter	0.8 m	1.2 m	1.5 m	1.8 m
Gain mid-band	37.5 dBi	40.9 dBi	42.8 dBi	44.6 dBi
Polarization	Linear Duplex (Horizontal and Vertical)			
Half-Power Beamwidth	2.0°	1.4°	1.2°	0.9°
Return Loss	–19.1 dB	–19.1 dB	–19.1 dB	–19.1 dB
Front-to-Back Ratio	63 dB	68 dB	70 dB	72 dB
Cross-Polar Discrimination	36 dB	36 dB	36 dB	36 dB
Inter-Port Isolation	42 dB	42 dB	42 dB	42 dB
Flange ¹	Upon Customer's Request			
¹ Coaxial cable connector, standard waveguide flange or any ODU interface is available upon request.				
Mechanical Specification				
Net Weight ²	31 kg	53 kg	90 kg	151 kg
² Approximate weight (net weight depends on the required interfaces). Clamps, adjustment system (and side strut from 0.8 m diameter) are included.				
Antenna Pointing Range				
Azimuth fine	±20°	±15°	±5°	±5°
Elevation fine	±30°	±20°	±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	1	1
ETSI Class	3	3	3	3