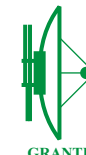




## HPA ... 260 Series Antenna Specifications

	HPA 0.3 S 260 SR	HPA 0.4 S 260 FR	HPA 0.6 S 260 FR	HPA 0.8 S 260 FR	HPA 1.2 S 260 FR	HPA 1.5 S 260 FR
<b>Electrical Specification</b>						
Operating Frequency	24.500–26.500 GHz					
Diameter	0.3 m	0.4 m	0.6 m	0.8 m	1.2 m	1.5 m
Gain mid-band	35.6 dBi	38.1 dBi	41.4 dBi	43.6 dBi	47.1 dBi	49.1 dBi
Polarization	Linear Simplex (Horizontal or Vertical)					
Half-Power Beamwidth	2.6°	1.9°	1.3°	1.0°	0.7°	0.6°
Return Loss	-17.7 dB	-17.7 dB	-17.7 dB	-17.7 dB	-17.7 dB	-17.7 dB
Front-to-Back Ratio	62 dB	65 dB	68 dB	71 dB	73 dB	75 dB
Cross-Polar Discrimination	30 dB	30 dB	30 dB	30 dB	32 dB	32 dB
Flange <sup>1</sup>	Upon Customer's Request					
<sup>1</sup> Standard waveguide flange or any ODU interface is available upon request.						
<b>Mechanical Specification</b>						
Net Weight <sup>2</sup>	10 kg	11 kg	14 kg	26 kg	48 kg	85 kg
<sup>2</sup> Approximate weight (net weight depends on the required interface). Clamps, adjustment system (and side strut from 0.8 m diameter) are included.						
<b>Antenna Pointing Range</b>						
Azimuth <sub>fine</sub>	±20°	±20°	±20°	±20°	±15°	±5°
Elevation <sub>fine</sub>	±30°	±30°	±30°	±30°	±20°	±5°
<b>Material and Finish</b>						
Mount	Hot-Dip-Galvanized Steel					
Installation Hardware	Stainless Steel					
Feed	Aluminium					
<b>Environmental Specification</b>						
Operating Windspeed	120 km/h					
Survival Windspeed	220 km/h					
Ambient Temperature	±55°C					
<b>ETSI Standard</b>						
ETSI Range	4	4	4	4	4	4
ETSI Class	3	3	3	3	3	3



## HPA ... 260 Series Antenna Specifications

	HPA 0.3 D 260 SR	HPA 0.4 D 260 FR	HPA 0.6 D 260 FR	HPA 0.8 D 260 FR	HPA 1.2 D 260 FR	HPA 1.5 D 260 FR
<b>Electrical Specification</b>						
Operating Frequency	24.500–26.500 GHz					
Diameter	0.3 m	0.4 m	0.6 m	0.8 m	1.2 m	1.5 m
Gain mid-band	35.6 dBi	38.1 dBi	41.4 dBi	43.6 dBi	47.1 dBi	49.1 dBi
Polarization	Linear Duplex (Horizontal and Vertical)					
Half-Power Beamwidth	2.6°	1.9°	1.3°	1.0°	0.7°	0.6°
Return Loss	-17.7 dB	-17.7 dB	-17.7 dB	-17.7 dB	-17.7 dB	-17.7 dB
Front-to-Back Ratio	62 dB	65 dB	68 dB	71 dB	73 dB	75 dB
Cross-Polar Discrimination	30 dB	30 dB	30 dB	30 dB	32 dB	32 dB
Flange <sup>1</sup>	Upon Customer's Request					
<small><sup>1</sup> Circular waveguide with 9 mm diameter, or direct mounted Orthomode transducer with ODU interfaces and/or standard waveguide flanges. For more information about orthomode transducers please visit <a href="http://www.grante.hu/products/passives/OMT/index.html">http://www.grante.hu/products/passives/OMT/index.html</a></small>						
<b>Mechanical Specification</b>						
Net Weight <sup>2</sup>	10 kg	11 kg	14 kg	26 kg	48 kg	85 kg
<small><sup>2</sup> Approximate weight (net weight depends on the required interfaces). Clamps, adjustment system (and side strut from 0.8 m diameter) are included.</small>						
<b>Antenna Pointing Range</b>						
Azimuth <sub>fine</sub>	±20°	±20°	±20°	±20°	±15°	±5°
Elevation <sub>fine</sub>	±30°	±30°	±30°	±30°	±20°	±5°
<b>Material and Finish</b>						
Mount	Hot-Dip-Galvanized Steel					
Installation Hardware	Stainless Steel					
Feed	Aluminium					
<b>Environmental Specification</b>						
Operating Windspeed	120 km/h					
Survival Windspeed	220 km/h					
Ambient Temperature	±55°C					
<b>ETSI Standard</b>						
ETSI Range	4	4	4	4	4	4
ETSI Class	3	3	3	3	3	3