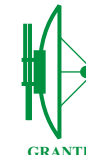
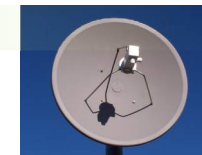


PA ... 5258 Series Antenna Specifications

	PA 0.3 S 5258 N	PA 0.4 S 5258 N	PA 0.6 S 5258 N	PA 0.8 S 5258 N	PA 1.2 S 5258 N	PA 1.5 S 5258 N
Electrical Specification						
Operating Frequency	5.150–5.850 GHz					
Diameter	0.3 m	0.4 m	0.6 m	0.8 m	1.2 m	1.5 m
Gain mid-band	22.3 dBi	24.2 dBi	27.8 dBi	30.3 dBi	33.8 dBi	35.7 dBi
Polarization	Linear Simplex (Horizontal or Vertical)					
Half-Power Beamwidth	11.9°	9.5°	6.4°	4.8°	3.2°	2.5°
Return Loss	-14.0 dB	-14.0 dB	-14.0 dB	-14.0 dB	-14.0 dB	-14.0 dB
Front-to-Back Ratio	30 dB	30 dB	30 dB	32 dB	33 dB	35 dB
Cross-Polar Discrimination	25 dB	25 dB	25 dB	25 dB	25 dB	25 dB
Connector	N (Female) Connector					
Mechanical Specification						
Net Weight ¹	2.2 kg	2.6 kg	3.5 kg	5.5 kg	17.5 kg	38 kg
¹ Clamps, adjustment system (and side strut for 1.5 m diameter) are included.						
Antenna Pointing Range						
Azimuth <i>raw/fine</i> ²	±180° / -	±180° / -	±180° / -	±180° / -	±180° / ±15°	±180° / ±5°
Elevation <i>raw/fine</i> ²	±20° / -	±20° / -	±20° / -	±20° / -	-10...+6° / -10...+6°	- / ±5°
² Fine adjustment is optional for 1.2 m diameter, and standard for 1.5 m diameter antennas.						
Material and Finish						
Mount	Galvanized Steel	Galvanized Steel	Galvanized Steel	Galvanized Steel	Hot-Dip-Galvanized Steel	Hot-Dip-Galvanized Steel
Installation Hardware	Stainless Steel					
Feed	Painted Aluminium					
Reflector	Painted Aluminium					
Environmental Specification						
Operating Windspeed	120 km/h					
Survival Windspeed	200 km/h					
Ambient Temperature	±55°C					
ETSI Standard						
ETSI Range	1	1	1	1	1	1
ETSI Class	1	1	1	1	1	1



PA ... 5258 Series Antenna Specifications

	PA 0.3 D 5258 2N	PA 0.4 D 5258 2N	PA 0.6 D 5258 2N	PA 0.8 D 5258 2N	PA 1.2 D 5258 2N	PA 1.5 D 5258 2N
Electrical Specification						
Operating Frequency	5.150–5.850 GHz					
Diameter	0.3 m	0.4 m	0.6 m	0.8 m	1.2 m	1.5 m
Gain mid-band	22.1 dBi	24.0 dBi	27.6 dBi	30.1 dBi	33.6 dBi	35.5 dBi
Polarization	Linear Duplex (Horizontal and Vertical)					
Half-Power Beamwidth	11.9°	9.5°	6.4°	4.8°	3.2°	2.5°
Return Loss	-14.0 dB	-14.0 dB	-14.0 dB	-14.0 dB	-14.0 dB	-14.0 dB
Front-to-Back Ratio	30 dB	30 dB	30 dB	32 dB	33 dB	35 dB
Cross-Polar Discrimination	25 dB	25 dB	25 dB	25 dB	25 dB	25 dB
Inter-Port Isolation	34 dB	34 dB	34 dB	34 dB	34 dB	34 dB
Connectors	N (Female) Connector					
Mechanical Specification						
Net Weight ¹	2.2 kg	2.6 kg	3.5 kg	5.5 kg	17.5 kg	38 kg
¹ Clamps, adjustment system (and side strut for 1.5 m diameter) are included.						
Antenna Pointing Range						
Azimuth <i>raw/fine</i> ²	±180° / –	±180° / –	±180° / –	±180° / –	±180° / ±15°	±180° / ±5°
Elevation <i>raw/fine</i> ²	±20° / –	±20° / –	±20° / –	±20° / –	-10...+6° / -10...+6°	- / ±5°
² Fine adjustment is optional for 1.2 m diameter, and standard for 1.5 m diameter antennas.						
Material and Finish						
Mount	Galvanized Steel	Galvanized Steel	Galvanized Steel	Galvanized Steel	Hot-Dip-Galvanized Steel	Hot-Dip-Galvanized Steel
Installation Hardware	Stainless Steel					
Feed	Painted Aluminium					
Reflector	Painted Aluminium					
Environmental Specification						
Operating Windspeed	120 km/h					
Survival Windspeed	200 km/h					
Ambient Temperature	±55°C					
ETSI Standard						
ETSI Range	1	1	1	1	1	1
ETSI Class	1	1	1	1	1	1