

Electrical specifications

Frequency bands:	698 - 960 MHz 1710 - 2700 MHz 3400 - 3800 MHz
Gain (max):	4 dBi
VSWR:	<2:1
Feed power handling:	10 W
Input impedance:	50 Ohm (nominal)
Polarisation:	Linear vertical
Cable loss:	0.47Db/m @900 MHz 0.75Db/m @ 2000 MHz 0.79Db/m @2500 MHz 0.83Db/m @ 3500 MHz
DC short:	Yes
Cable length:	1m ±5%
Cable type:	RG58
Connector:	SMA(m)

Mechanical specifications

Product dimensions (L x W):	± 154 mm x 51 mm
Packaged dimensions:	TBC
Weight:	TBC
Packaged weight:	TBC
Radome material:	ABS (Halogen Free)
Radome colour:	Cool Gray 1C

Environmental specifications

Wind survival:	<120 km/h
Temperature range (Operating):	-40°C to +70°C
Environmental conditions:	Outdoor/Indoor
Operating relative humidity:	Up to 98%
Storage humidity:	5% to 95% - non condensing
Storage temperature:	-40°C to +70°C
Flammability rating:	UL 94-HB

Ordering information

Commercial name:	OMNI-280-01
Order product code:	A-OMNI-0280-01
EAN number:	0707273470027

Additional accessories available

Various connectors available

For more detailed information and availability in your region, visit our web site: www.poynting.tech

Contact Poynting

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Product box contents

Antenna:	A-OMNI-0280-01
Mounting bracket:	Pole and wall mount
Mounting Type:	Magnetic and velcro adhesive

The connector is factory mounted to the antenna

Certification approvals and standards

Water ingress protection ratio/standard:	IP 65
Impact resistance:	IK 08
Salt spray:	MIL-STD 810F/ASTM B117
Product safety:	Complies with CE, EN, CSA and IEC standards



OMNI-280-01

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Product Specifications may change without prior notice
Revised: March 2018

Regulatory Compliance: RoHS 2011/65/EU Compliant | ISO 9001:2008
Document version: TS-A-OMNI-0280-01-V1 Rev2
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