

Electrical Specifications

Frequency Bands:	690-960 MHz 1710-2700 MHz
Gain (Max):	6 dBi
VSWR:	<2.5:1
Feed Power Handling:	10 W
Input impedance:	50 Ohm (nominal)
Polarisation:	Linear Vertical
Cable loss:	0.35 dB/m @ 900 MHz 0.53 dB/m @ 2000 MHz 0.6 dB/m @ 2500 MHz
DC Short:	Yes

Environmental Specifications

Wind Survival:	160 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-121
Order Product Code:	A-OMNI-0121-V3
EAN number:	6009693810709

Additional Accessories Available

Extension Cables:	Up to 15m HDF 195
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Various connectors available
Installation poles and brackets available

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

Contact Poynting

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Mechanical Specifications

Product Dimensions (L x W x D):	555 mm x 50 mm x 50 mm
Packaged Dimensions:	595 mm x 130 mm x 65 mm
Weight:	0.50 kg
Packaged Weight:	0.65 kg
Radome Material:	ABS (Halogen Free)
Radome Colour:	Pantone - Cool Gray (1C) RAL - 7047
End Cap Colour:	Pantone - Black RAL - Black

Product Box Contents

Antenna:	A-OMNI-0121-V3
Mounting Bracket:	Pole up to 50mm diameter Wall and Pole mount stainless steel bracket
Cable Length:	8m ±5%
Cable Type:	HDF 195
Connector:	SMA (m)

The connector is factory mounted to the antenna



A-OMNI-0121-V3



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 UL, CE, EN, CSA and IEC standards



OMNI-121

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Product Specifications may change without prior notice
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Regulatory Compliance: RoHS 2011/65/EU Compliant | ISO 9001:2008
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