

DG900 Dipole Whip Antenna

Antenna for use with ELPRO 900 MHz products



Description

The DG900 Dipole Whip Antenna is a ground-independent coaxial antenna suitable for use with ELPRO 900-MHz products.

PVC-coated, the antenna is vertically polarized with omnidirectional radiation. It is available in coaxial cable lengths of 3.2' (1m) and 16.4' (5m).

This compact antenna is suitable for short-range applications or demonstrations and supports both internal or external mounting (including vehicle mounting). The antenna package includes a sheet metal angle bracket.

Specifications

SPECIFICATION	DESCRIPTION
Parameters	
Frequency	900–930 MHz
Gain	–2 dBi ① –4 dBi ②
Bandwidth	30 MHz
VSWR	<1.5:1
Polarization	Vertical
H-plane	Omnidirectional
Termination	
Termination	SMA male with 3.2' (1m) coaxial cable ① SMA male with 16.4' (5m) coaxial cable ②
General	
Size	6" (150 mm)
Housing	PVC
Mounting	Use BR-YAG-KIT for mounting on mast pole up to 2" (50 mm) height
Weight	0.22 lbs (0.1 kg), excluding coaxial cable

Note: Specifications are subject to change.

① DG900-1

② DG900-5

Ordering

PRODUCT CODE	DESCRIPTION	FREQUENCY
DG900-1	Whip antenna: SMA male, angle bracket, –2 dBi gain, 3.2' (1m) coaxial cable	900–930 MHz
DG900-5	Whip antenna: SMA male, angle bracket, –4 dBi gain, 16.4' (5m) coaxial cable	900–930 MHz

Product Compatibility

See your product data sheet for information on compatibility of the DG900 Dipole Whip Antenna with your application.



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