

DR-01

Double-ridged horn antenna 6-18 GHz



Main Features

- 6 to 18 GHz frequency range
- Excellent Antenna Factor and VSWR
- Tripod adapter for easy vertical-horizontal polarization change
- Individual calibration
- Robust, rustproof construction
- Lightweight

DR-01 is a broadband, double-ridged horn antenna designed for radiated emissions and immunity applications.

The N connector is mounted along the antenna axis, thus allowing for direct connection - without cable or adapters - to the 18 GHz EMI receiver model 9180 which features full CISPR 16-1-1 compliance and internal preamplifier.

The group antenna-receiver can be easily installed on a tripod or mast and connected by means of fiber optic cable to the main unit model 9010 - 9010F, thus increasing sensitivity and reducing overall uncertainty (*).

DR-01 can be used in conjunction with any Receiver or Spectrum Analyzer.

(*)The direct connection between antenna and PMM Receiver Unit eliminates additional sources of uncertainties due to coaxial cable attenuation and scattering. For further information and for the range 30 MHz - 6 GHz please consult our brochure "Fully CISPR-Compliant Digital EMC/EMI receivers 10 Hz - 18 GHz".

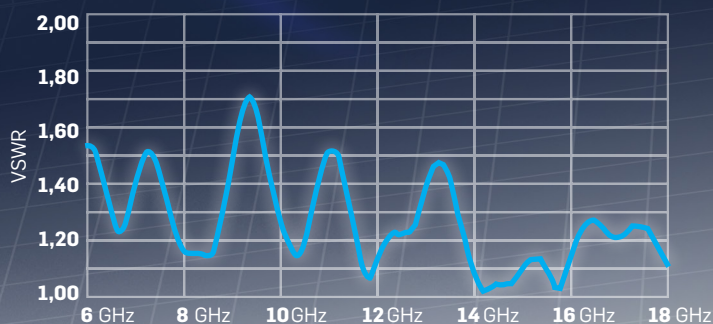
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SPECIFICATIONS	DR-01
Frequency range	6 - 18 GHz
Impedance	50 Ω nominal
Gain	9 - 16 dBi
Antenna factor	36 - 41 dB/m
VSWR	< 2 (1,8 typ.)
Beam width	E-plane 33°
3 dB @ 12 GHz	H-plane 38°
Max input power	150 W
Connector	N-male
Dimensions LxHxD	55 x 44 x 137 mm
Weight	250 g
Colour	RAL 7035



DR-01 - Antenna Factor



DR-01 - VSWR

Ordering Information

DR-01 ANTENNA WITH INDIVIDUAL CALIBRATION INCLUDES:

- Carrying case p/n 170/30N
- Calibration certificate
- User manual



DR-01 Installed on EMI Receiver model 9180



Narda Safety Test Solutions Srl
Via Leonardo da Vinci, 21/23
20090 Segrate (Milano) - ITALY
Phone: +39 02 2699871
Fax: +39 02 26998700
E-Mail: support@narda-sts.it
Internet: www.narda-sts.it