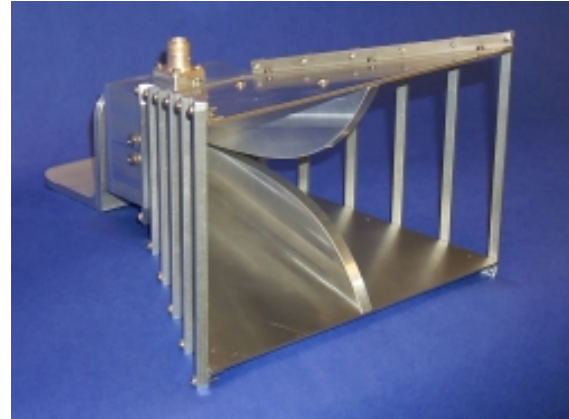


HRN-0118 Horn Antenna

Product Overview

TDK RF Solutions' HRN-0118 Horn Antenna is a wide band, double-ridged horn used to transmit and receive microwave signals over the frequency range of 1 GHz to 18 GHz.

The HRN-0118 generates high electric fields required for radiated immunity and emissions measurements, and features high gain, low VSWR, moderate power handling (300W), and a robust mechanical design.



Antenna Features

- Operating frequency of 1 GHz to 18 GHz
- High gain
- Low VSWR
- Robust mechanical design

Applications

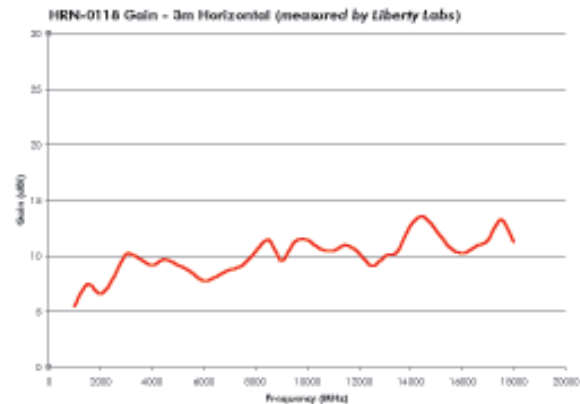
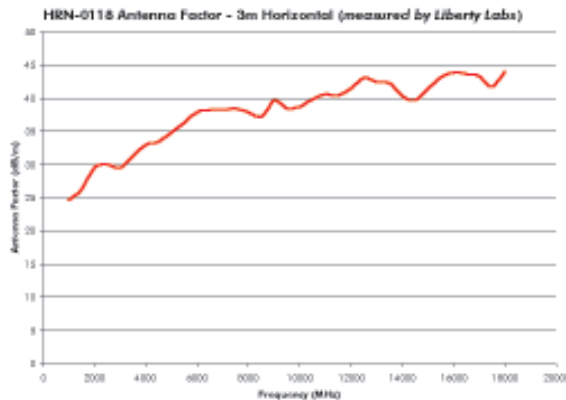
- Immunity testing
- Emissions testing

TDK RF Solutions' HRN-0118 Horn Antenna is designed specifically for radiated emissions and immunity measurements in EMC test environments. The HRN-0118 provides optimal performance over the frequency range of 1 GHz to 18 GHz.

Options

- **Antenna Tripod TRI-01**
TDK RF Solutions' TRI-01 antenna tripod is a manually adjusted tripod designed for quick and easy mounting in EMC test environments.

HRN-0118 Horn Antenna



Mechanical Specifications

Overall Size:	
Width:	25 cm (9.8 in.)
Depth:	30 cm with mounting bracket (11.8 in.) 21 cm without bracket
Height:	15 cm (5.9 in.)
Weight:	1.8 kg (4 lbs.)
Construction:	Aluminum with a gold chromate finish
RF Connector:	Type N female

Electrical Specifications

Frequency Range:	1 GHz to 18 GHz
VSWR:	<1.5:1 average
Polarization:	Linear
Power Handling:	300W
Feedpoint Impedance:	50 ohms (nominal)

Ordering Information

Product:	Horn Antenna
Model Number:	HRN-0118
Warranty:	1 year limited

To place an order or to learn more about the TDK RF Solutions products that best meet your needs, contact your TDK sales representative:

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