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.

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

Applications
- Immunity testing
- Emissions testing

Options
- Antenna Tripod TRI-150R
  TDK RF Solutions’ TRI-150R antenna tripod is a manually adjusted tripod (100 cm to 150 cm) designed for quick and easy mounting in EMC test environments.
HRN-0118 Horn Antenna

**Electrical Specifications**

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

**Mechanical Specifications**

- **Width:** 23.4 cm (9.21 in)
- **Depth:** 29 cm (11.54 in) with mounting bracket, 21 cm (8.27 in) without mounting bracket
- **Height:** 14.5 cm (5.71 in)
- **Weight:** 1.9 kg (4.2 lbs) with mounting bracket
- **Construction:** Aluminum with a gold chromate finish
- **RF Connector:** Type N female

**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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**To learn more about TDK RF Solutions’ wide range of innovative products and services visit** www.tdkrf.com

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