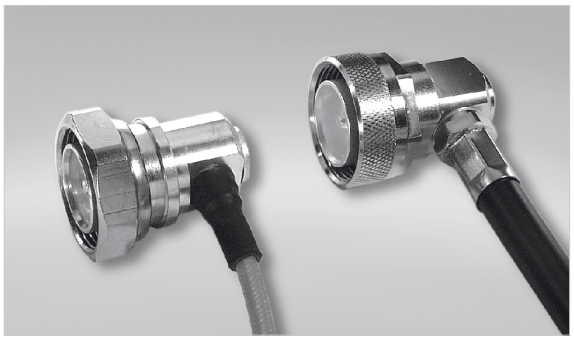
7/16/Composite 7/16

HIGH PERFORMANCE RANGE

- Frequency range: DC - 7.5 GHz
- 2 types of coupling nut:
  - Cross-knurled and 6 flats 27 mm wide coupling nut (3 000 N.cm)
  - 6 flats coupling nut (32 mm wide), allowing high coupling torque (3 500 N.cm) when used with a torque wrench
- Intermodulation performance: 2 levels
  - 125 dBm cable assemblies
  - 110 dBm connectors and cable assemblies



2 TYPES OF COUPLING NUT

We developed its intermodulation measurement equipment following the IEC 46 D/292/NP standard proposal. It is aimed at third-order IMP measurements through the reflection method. The range of this test set-up is -132 dBm (-175 dBc) under 2 x 20 W.

- High performance non-magnetic material (brass) and plating (silver) with anti-tarnishing finish (strike of BBR)
- Non-slotted outer contact on standard products
- The 7/16 connector series benefits from a complete easy-to-use range of tooling



CUSTOM MODELS

To fulfill customer requirements, Weoffers complete design of custom connectors according to the 7/16 series standard.

WHAT IS INTERMODULATION?

Intermodulation (IM) is an undesired modulation that leads to a distortion of the output high-frequency carrier. It is defined as the ratio of the 3rd order intermodulation products and the incident signal power because the most troublesome IM products are those of 3rd order.

For more detailed information, including our intermodulation measurement system and our product range, please visit www.rfconnector.in