The high performance coaxial cable to waveguide adapter is specifically designed to provide the highest quality interface while simplifying and speeding up the attachment of connectors to the RADIAFLEX® radiating waveguide RE60. The connector provides outstanding value to users because they permit quick, easy and reliable installation at any location, thereby allowing the operator flexibility while saving installation time.

FEATURES / BENEFITS

- **Waveguide installation** the flange adapter provides proper matching of elliptical waveguide flanges to N-female connector.
- **Time-saving and easy installation** reliable and simple attachment avoids unnecessary connector adjustments and provides outstanding performance. Saves time and provides cost savings
- Robust mechanical design ideally for in-tunnel applications.
- Excellent electrical performance low VSWR
- Totally waterproof assures safe, long term operation.



NF-RE60

Technical features

GENERAL SPECIFICATIONS

| Transmission Line Type | Elliptical Waveguide |
|------------------------|---|
| Cable Size | RE60 |
| Connector Interface | N female |
| Connector Type | Axially in the direction of the installed waveguide |
| Sealing Method | Shrinking Sleeve |
| Gender | Female |

ELECTRICAL SPECIFICATIONS

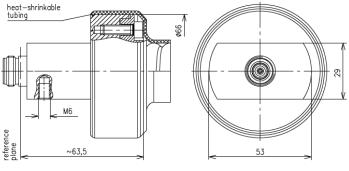
| Nominal Impedance, ohms | Ohm | 50 |
|-------------------------|-----------|--------------------------------|
| VSWR, Return Loss | VSWR (dB) | 5.0 < f ≤ 6.0 GHz: 1.12 (24.9) |

MECHANICAL SPECIFICATIONS

| Plating Outer/Inner | | Brass |
|---------------------|---------|-----------|
| Length | mm (in) | 75 (2.95) |
| Outer Diameter | mm (in) | 69 (2.72) |

TESTING AND ENVIRONMENTAL

| Waterproof Level IP68 |
|-----------------------|
|-----------------------|



all dimensions in millimeter

Sketch NF-RE60

External Document Links

Installation Instruction

Notes

Power Rating: 10 Watt Earthing: via M6 screw

NF-RE60 REV : A REV DATE : 07 Sep 2015 www.rfsworld.com