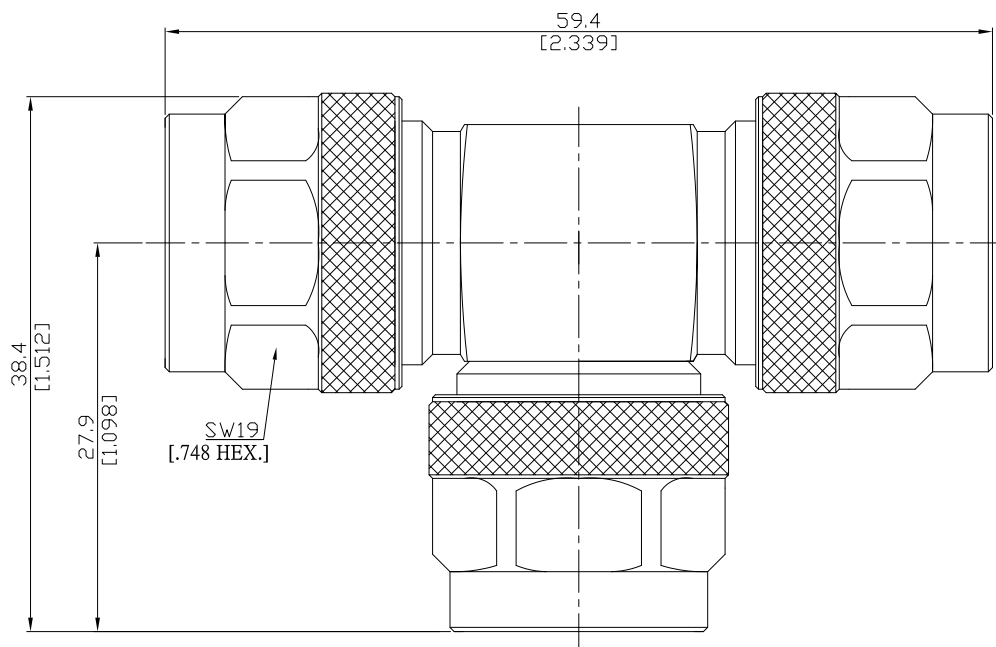


N plug (male) / N plug (male) / N plug (male)  
T-Adaptor 3 plugs DC-11 GHz

## ADT-N1N1N15A / 144-144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

according to

IEC 61169-16; MIL-STD-348B/304

### Electrical Data

|                           |                                     |               |
|---------------------------|-------------------------------------|---------------|
| Impedance                 | 50 $\Omega$                         |               |
| Frequency                 | DC to 11 GHz                        |               |
| Return loss               | N/A                                 |               |
| Insulation resistance     | $\leq 1 \text{ m}\Omega$            |               |
| Center contact resistance | $\leq 0.25 \text{ m}\Omega$         |               |
| Outer contact resistance  | $\leq 1 \text{ m}\Omega$            |               |
| Working voltage           | 500 V rms                           |               |
| Power handling            | 1000 W @ 1 GHz                      | 700 W @ 2 GHz |
| RF-leakage                | $\geq 128 \text{ dB @ DC to 1 GHz}$ |               |

### Material And Plating

| Piece Parts (N) | Material        | Plating                                                                                    |
|-----------------|-----------------|--------------------------------------------------------------------------------------------|
| Centre contact  | Brass           | Gold plating, 3 $\mu$ inch<br>(Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch) |
| Body            | Brass           | Copper-Tin-Zinc Alloy                                                                      |
| Insulator       | PTFE            |                                                                                            |
| Gasket          | Silicone Rubber |                                                                                            |
| Coupling nut    | Brass           | Copper-Tin-Zinc Alloy                                                                      |

N plug (male) / N plug (male) / N plug (male)  
T-Adaptor 3 plugs DC-11 GHz

## ADT-N1N1N15A / 144-144

### Mechanical Data

|                                   |                  |
|-----------------------------------|------------------|
| Coupling mechanisms               | Screw-lock       |
| Mating cycles                     | ≥ 500            |
| Center contact captivation: axial | ≥ 28 N           |
| Coupling test torque              | ≤ 1.7 Nm         |
| Recommended torque                | 0.7 Nm to 1.1 Nm |

### Environmental Data

|                     |                                      |
|---------------------|--------------------------------------|
| Temperature Range   | -65°C to +165°C                      |
| Thermal shock       | MIL-STD-202, Meth. 107, Cond. B      |
| Corrosion           | MIL-STD-202, Meth. 101, Cond. B      |
| Vibration           | MIL-STD-202, Meth. 204, Cond. B      |
| Shock               | MIL-STD-202, Method 213, Condition I |
| Moisture resistance | MIL-STD-202, Meth. 106               |
| RoHS                | compliant                            |

### Packing

Single or 100