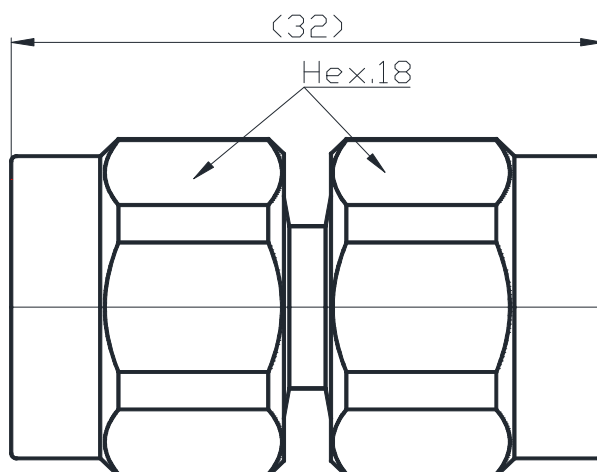




## 1. Figure



## 2. Product Description

NM-NM

N Straight Male To N Straight Male

## 3. Material and Plating

Pin-Centre contact

Brass / Silver Plated

Outer contact & Body

Brass / Trimetal Plated

Dielectric

PTFE

Gasket

Silicon Rubber

Nut

Brass / Nickel Plated

## 4. Electrical Characteristics

Characteristics Impedance

50 Ohm

Insulation Resistance

$\geq 5000M\Omega$

Centre contact resistance

@NM

$\leq 1.00 m\Omega$

Outer contact resistance

@NM

$\leq 0.25 m\Omega$

Dielectric Withstanding Voltage

2000V rms(AC)

Insertion Loss

@690-960 MHz

$\leq 0.10dB$

@1700-2700 MHz

$\leq 0.15dB$

@2700-3000 MHz

$\leq 0.20dB$

@3000-5000 MHz

$\leq 0.25dB$

VSWR

@690-960 MHz

$\leq 1.05$

@1700-2700 MHz

$\leq 1.08$

@2700-3000 MHz

$\leq 1.10$

@3000-5000 MHz

$\leq 1.20$

PIM3

@1800MHz

$\leq -155dBc$

## 5. Environmental and Mechanical Specifications

NM

Gauge retention force

Centre contact

/

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Outer contact                           | /                                           |
| Coupling nut torque                     | 0.7-1.1 N·m                                 |
| Coupling nut retention force            | ≥250 N                                      |
| Durability (matings)                    | ≥500 cycles                                 |
| Axial holding force of centre conductor | 28 N                                        |
| Shock                                   | As per std:IEC 60068-2-27/GB/T 2423.5       |
| Vibration                               | As per std:IEC 60068-2-6/GB/T 2423.10       |
| Salt mist                               | As per std:IEC 60068-2-11/GB/T 2423.17(48H) |
| Temperature Range                       | -45°C to +85°C                              |
| RoHS                                    | Compliant                                   |
| Sealing Class                           | IP68                                        |