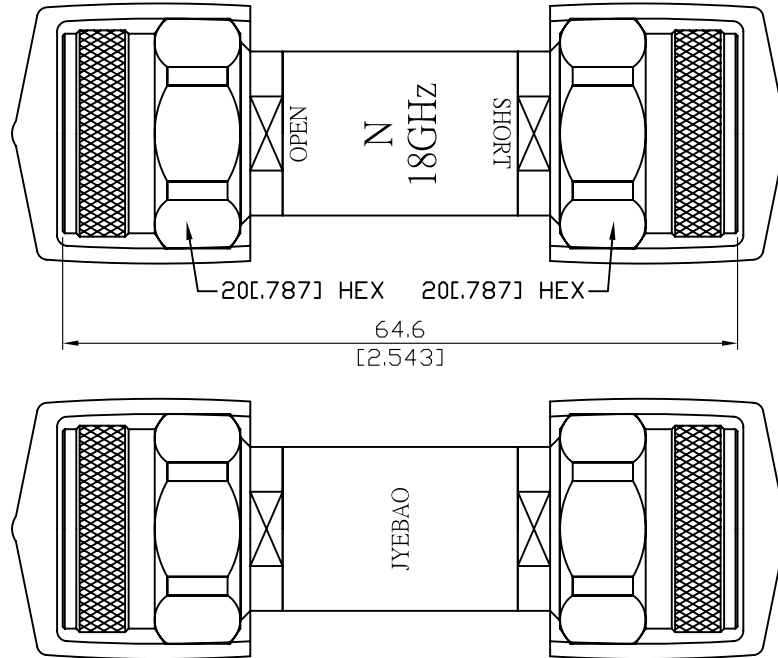


OS-N-M-50-18G

N Plug 50ohm Open Short 18GHz

50Ω



Notes:

1. Temperature range for optimal results: +20 °C to +26 °C
2. Storage temperature range: -20 °C to +75°C
3. When not in use put on cap to keep connector clean
4. Return loss test results shipped along with goods

| OPEN | | | | SHORT | | | | | | |
|-----------------|-----------------|---------------------------|---------------|---------------------|-----------------|-----------|---------------------------|-----------|---------------------|-----------|
| Frequency Range | DC-18GHz | | | Frequency Range | DC-18GHz | | | | | |
| Impedance | 50Ω | | | Impedance | 50Ω | | | | | |
| Offset length | Agilent | Anritsu | Rohde&Schwarz | Offset length | Agilent | Anritsu | Rohde&Schwarz | | | |
| | 59.44ps | 17.83mm | 17.83mm | | 59.44ps | 17.83mm | 17.83mm | | | |
| Capacitance | Agilent/Anritsu | | Rohde&Schwarz | Inductance | Agilent/Anritsu | | Rohde&Schwarz | | | |
| | C0 | (1E-15) F | 4.000 | | fF | 4.0000000 | L0 | (1E-12) H | 0.000 | pH |
| | C1 | (1E-27) F/Hz | 200.000 | fF/GHz | 0.2000000 | L1 | (1E-24) H/Hz | 0.000 | pH/GHz | 0.0000000 |
| | C2 | (1E-36) F/Hz ² | 0.000 | fF/GHz ² | 0.0000000 | L2 | (1E-33) H/Hz ² | 0.000 | pH/GHz ² | 0.0000000 |
| | C3 | (1E-45) F/Hz ³ | 1.100 | fF/GHz ³ | 0.0011000 | L3 | (1E-42) H/Hz ³ | 0.000 | pH/GHz ³ | 0.0000000 |
| Phase Error | | | | Phase Error | | | | | | |
| | DC-6GHz | ≤1.5° | | | DC-6GHz | ≤1.5° | | | | |
| | 6-18Ghz | <3° | | | 6-18Ghz | <3° | | | | |
| Return Loss | | | | Return Loss | | | | | | |
| | DC-6GHz | ≤0.10dB | | | DC-6GHz | ≤0.10dB | | | | |
| | 6-18GHz | ≤0.20dB | | | 6-18GHz | ≤0.20dB | | | | |

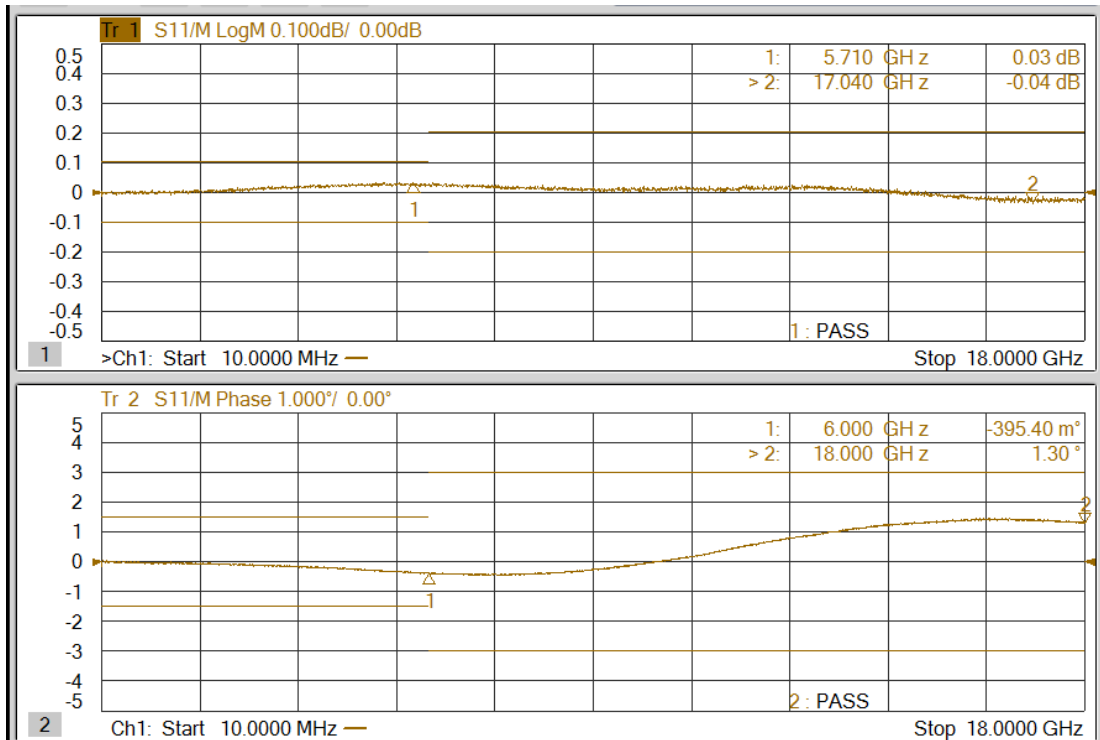
| Parts | Material | Plating (Micro-inch) |
|-------------------------|------------------|--|
| Housing | Aluminium | Anodized (Green) |
| Cap | PVC | |
| Body open/short | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Contact pin open/short | Beryllium Copper | Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20 |
| Dielectric open | PPO | |
| Coupling Nut open/short | Stainless | Passivated |

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

OS-N-M-50-18G

OPEN return loss & phase error



SHORT return loss & phase error

