

ZT Series Test Cable Assembly → →

ZVNA18 Series Test Cable Assembly DC-18GHz for Network Analyzer

ZVNA18 (DC-18GHz) test cable assembly designed by ZDECL is specifically targeted for network analyzer.

Standard length: 0.61 meter, 0.91 meter (customerized)

Advantage: exquisite surface, stable performance, high-precise test, long life span, high quality at competitive price.



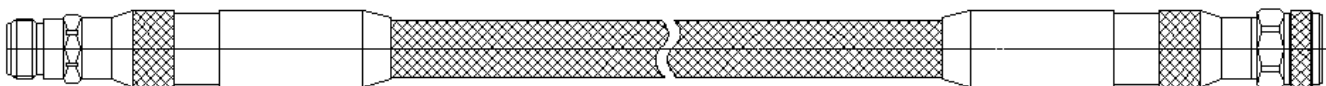
Electrical Characteristics

| | | | |
|-------------------------|-----------------------------|---------------------------------|--------------------------|
| Impedance | 50 Ω | Velocity of Propagation | 76% |
| Max Operating Frequency | 18.0GHz | Screening Effectiveness | 90dB min. |
| VSWR Max | 1.30:1@DC-18GHz | Dielectric Withstanding Voltage | 2KV (rms) |
| Phase Change VS Bending | $\leq \pm 2.4^\circ$ @18GHz | Phase Change VS Bending | $\leq \pm 0.03$ dB@18GHz |

Type Selection

| Type | A Connector | B Connector | Insertion Loss MAX@18GHz |
|-----------------|-------------|-------------|--------------------------|
| ZVNA18-NM-NM-LM | N Male | N Male | 1.2dB@0.61M, 1.6dB@0.91M |
| ZVNA18-NM-MF-LM | N Male | N Female | 1.2dB@0.61M, 1.6dB@0.91M |

Mechanical & Environmental Characteristics



| | |
|--------------------------------------|----------------|
| Outer Braid | Polyester-PET |
| Cable Assembly Outer Diameter | 15.2mm/0.6" |
| Min Bending Radius/Repeated(dynamic) | 50.0mm/1.97" |
| Operating Temperature | -55°C ~ +105°C |