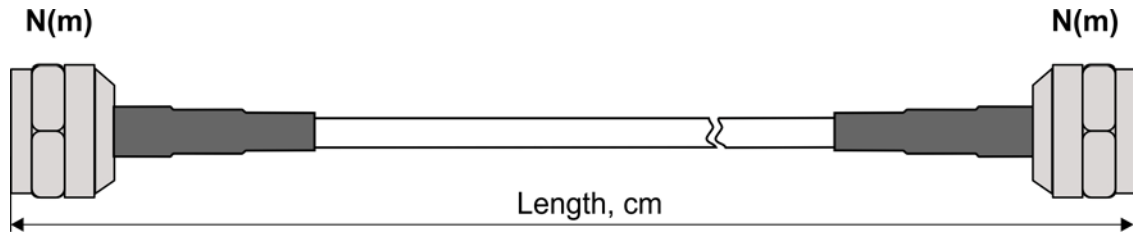


18 GHz flexible test cable assemblies N(m) – N(m)

GZ2.TCA402.003TS

Vilnius-09, Lithuania; Tel.: +370 5 2135404; e-mail: info@geozondas.com



Type	Length
TCA402-N30N30-050	50 cm
TCA402-N30N30-100	100 cm
TCA402-N30N30-150	150 cm
TCA402-N30N30-200	200 cm
TCA402-N30N30-XXX	XXX cm

Connector1: N-male (MIL-STD-348A/304), Passivated st. steel

Connector2: N-male (MIL-STD-348A/304), Passivated st. steel

Cable

Dielectric: Solid PTFE, velocity of propagation 70%

Cable jacket: FEP, blue, external diameter 4,14 mm

Insertion Loss

- 0,43 dB/m @ 1 GHz
- 1,0 dB/m @ 5 GHz
- 1,48 dB/m @ 10 GHz
- 2,10 dB/m @ 18 GHz

Min. Bending Radius 21 mm

Weight 44,5 g/m

Nominal electrical characteristics of TCA402-N30N30-XXX

Impedance 50 Ohm

Frequency range DC to 18 GHz

VSWR (Return loss) 1,22(-20 dB)

Phase stability Vs. Flexure* 2° @ 10 GHz

4° @ 18 GHz

Mechanical characteristics

Temperature range -40 ÷ +85°C

*Cable wrapped around 5 cm mandrel