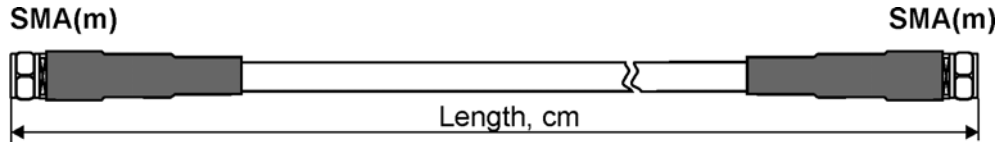


18 GHz flexible test cable assemblies SMA(m) – SMA(m) GZ2.TCA402.001TS

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



Type	Length
TCA402-A30A30-050	50 cm
TCA402-A30A30-100	100 cm
TCA402-A30A30-150	150 cm
TCA402-A30A30-200	200 cm
TCA402-A30A30-XXX	XXX cm

Connector1: SMA-male (MIL-STD-348A/310) , Passivated st. steel

Connector2: SMA-male (MIL-STD-348A/310) , 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-A30A30-XXX

Impedance 50 Ohm

Frequency range DC to 18 GHz

VSWR (Return loss) 1,15(-23 dB)

Phase stability Vs. Flexure*

- 2° @ 10 GHz
- 4° @ 18 GHz

Mechanical characteristics

Temperature range -40 ÷ +85°C

*Cable wrapped around 5 cm mandrel