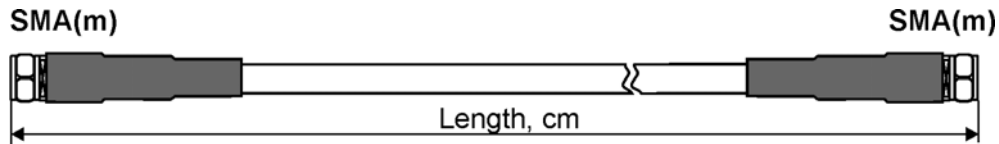


# 18 GHz flexible test cable assemblies SMA(m) – SMA(m) GZ2.TCA402.001TS

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