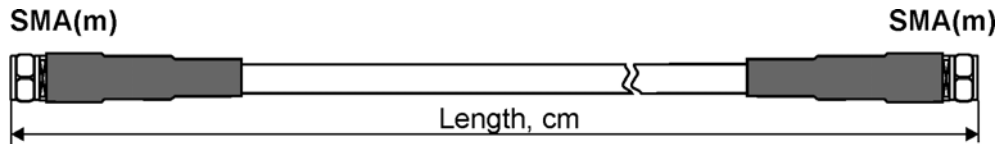


**18 GHz flexible test cable assemblies SMA(m) – SMA(m). Low budget.  
GZ2.TCA402.001TS**

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-XXX	XXX cm

- Connector1:** SMA-male (MIL-STD-348A/310) , Passivated st.steel
- Connector2:** SMA-male (MIL-STD-348A/310) , Passivated st.steel
- Cable type:** similar with : MultiFlex MF-141, Semflex SM402 , SS402
- Dielectric:** Solid PTFE, velocity of propagation 70%
- Cable jacket:** FEP, blue, external diameter 4,14 mm , no suffix : TCA402
- Maximal Insertion Loss IL of cable:**
- 0,43 dB/m @ 1 GHz
  - 1,0 dB/m @ 5 GHz
  - 1,48 dB/m @ 10 GHz
  - 2,10 dB/m @ 18 GHz
  - 2,70 dB/m @ 26,5 GHz
- Min. Bending Radius** 21 mm
- Weight (without armours)** 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)
- Assembly insertion loss (25 deg C)**  $IL \times L(m) + 0.1 \times 2\text{-th root } F(\text{GHz})$
- Mechanical characteristics**
- Temperature range** -40 ÷ +85°C