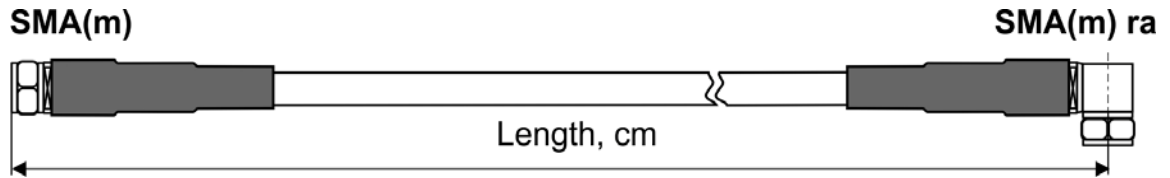


**18 GHz flexible test cable assemblies SMA(m) – SMA(m) ra. Low budget. GZ2.TCA402.004TS**



Type	Length
TCA402-A30A39-050	50 cm
TCA402-A30A39-XXX	XXX cm

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

**Connector2:** SMA-male-ra (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

**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. Dynamic Bending Radius** 40 mm

**Weight** 44,5 g/m

**Nominal electrical characteristics of assembly TCA402-A30A39-XXX**

**Impedance** 50 Ohm

**Frequency range** DC to 18 GHz

**VSWR (Return loss)** 1,3(-17.7 dB)@ 18GHz

**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