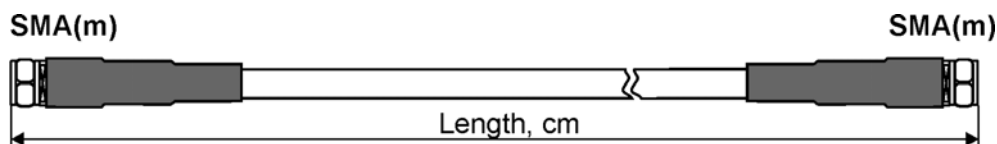


## 18 GHz Low Loss test cable assemblies SMA(m) – SMA(m) GZ2.LTCA210F.001TS

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Type	Length
LTCA210F-A30A30-050	50 cm
LTCA210F -A30A30-100	100 cm
LTCA210F -A30A30-150	150 cm
LTCA210F -A30A30-200	200 cm
LTCA210F -A30A30-XXX	XXX cm

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

**Connector2:** SMA-male (MIL-STD-348A), Passivated st.steel

### Cable

Dielectric: LD PTFE, velocity of propagation 80%

Cable jacket: FEP, light blue, external diameter 5,33 mm

Insertion Loss

0,36 dB/m @ 1 GHz
0,75 dB/m @ 5 GHz
1,18 dB/m @ 10 GHz
1,64 dB/m @ 18 GHz

Min. Dynamic Bending Radius 51,0 mm

Weight 65,5 g/m

### Nominal electrical characteristics of LTCA210F-A30A30-XXX

Impedance	50 Ohm
Frequency range	DC to 18 GHz
VSWR (Return loss)	1,15(-23 dB)
Phase stability Vs. Bending*	2° @ 10 GHz
	3° @ 18 GHz

### Mechanical characteristics

Temperature range -55 ÷ +125°C

Flex life 100 000

\*Cable wrapped around 7,5 cm diameter mandrel