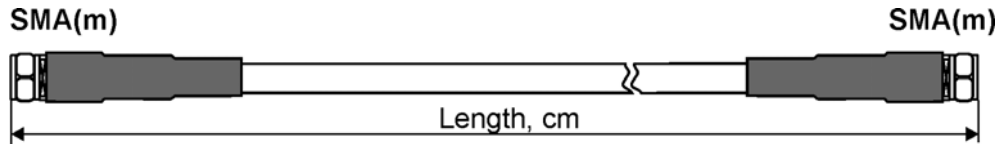


**26,5 GHz Long Flex Life test cable assemblies SMA(m) – SMA (m). Low budget. GZ2.LTCA210FC.005TS**



Type	Length
LTCA210FC-A30A30-050	50 cm
LTCA210FC -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 UFA210B, Sucoflex 104P, Semflex HP190, IW Microwave 1806
- Dielectric:** LD PTFE, velocity of propagation 80%
- Cable jacket:** FEP, light blue, external diameter 5,33 mm, no suffix :LTCA210FC

Maximal Insertion Loss IL of cable:

0,3 dB/m @ 1 GHz
0,70 dB/m @ 5 GHz
0,98 dB/m @ 10 GHz
1,38 dB/m @ 18 GHz
1,74 dB/m @ 26,5 GHz

- Power Handling (CW) 248 W @ 10GHz
- Min. Dynamic Bending Radius 9,7 mm
- Weight (without armour) 66,0 g/m

**Nominal electrical characteristics of LTCA210FC-A30A30-XXX**

- Impedance 50 Ohm
- Frequency range DC to 26,5 GHz
- VSWR (Return loss) 1,15(-23 dB)@ 18GHz  
1,2(-21dB)@ 26,5GHz

- Phase stability Vs. Bending 2° @ 10 GHz  
(wrapped around 7,5 cm mandrel) 3° @ 18 GHz

Assembly insertion loss (25 deg C) IL x L(m)+ 0.1x2-th root F(GHz)

**Mechanical characteristics**

- Temperature range -55 ÷ +125°C
- Flex life 100 000