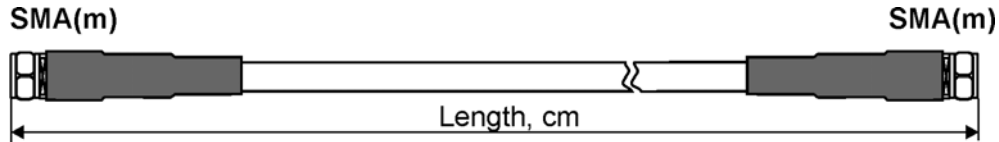


**26,5 GHz Low Loss test cable assemblies PC3.5(m) – PC3.5 (m)  
GZ2.LTCA210A.010TS**



Type	Length
LTCA210A-PC30PC30-050	50 cm
LTCA210A-PC30PC30-XXX	XXX cm

- Connector1:** PC3.5- male (IEC 60169-23) , Passivated st.steel
- Connector2:** PC3.5- male (IEC 60169-23), Passivated st.steel
- Cable type:** similar with UFA210A, Sucoflex 104, Semflex HP190S, IW Microwave 1801
- Dielectric:** LD PTFE, velocity of propagation 80%
- Cable jacket:** FEP, light blue, external diameter 5,33 mm, no suffix :LTCA210A  
Polyurethane +Yarn, external diameter 7,3 mm, no suffix :LTCA210AD

- Maximal Insertion Loss IL of cable:**
  - 0,26 dB/m @ 1 GHz
  - 0,60 dB/m @ 5 GHz
  - 0,94 dB/m @ 10 GHz
  - 1,18 dB/m @ 18 GHz
  - 1,47 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 LTCA210A-PC30PC30-XXX**

- Impedance 50 Ohm
- Frequency range DC to 26,5 GHz
- VSWR (Return loss) 1,2 (-20,8 dB)
- Phase stability Vs. Bending 3° @ 10 GHz  
(wrapped around 7,5 cm mandrel) 5° @ 18 GHz

Assembly insertion loss (25 deg C)  $IL \times L(m) + 0.1 \times 2\text{-th root } F(\text{GHz})$

**Mechanical characteristics**

- Temperature range -55 ÷ +125°C
- Flex life 10 000