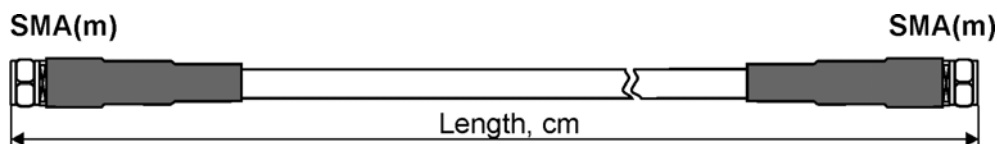


26,5 GHz Long Flex Life test cable assemblies PC3.5(m) – PC3.5 (m) GZ2.LTCA210F.011TS



Type	Length
LTCA210F-PC30PC30-050	50 cm
LTCA210F-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 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 :LTCA210F

Maximal Insertion Loss IL of cable:

- 0,3 dB/m @ 1 GHz
- 0,7 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 LTCA210F-PC30PC30-XXX

Impedance 50 Ohm

Frequency range DC to 26,5 GHz

VSWR (Return loss) 1,2 (-20,8 dB)

Phase stability Vs. Bending 2° @ 10 GHz

(wrapped around 7,5 cm mandrel) 3° @ 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 100 000