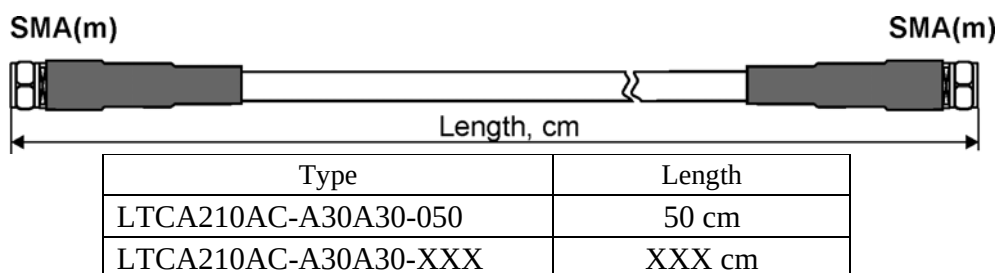


## Product Datasheet



### 26,5 GHz Low Loss test cable assemblies SMA(m) – SMA(m). Low budget. GZ2.LTCA210AC.010TS



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

**Connector2:** SMA-male (MIL-STD-348A/310), 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) 1,15(-23 dB)@ 18GHz

1,2(-21dB)@ 26,5GHz

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

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