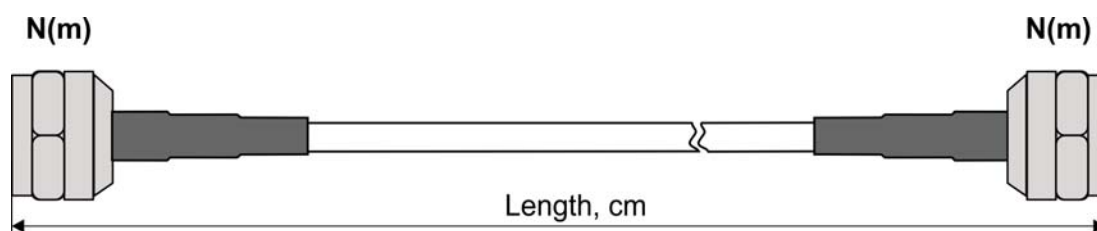


**18 GHz Long Flex Life test cable assemblies N(m) – N(m).
GZ2.LTCA210F.003TS**



Type	Length
LTCA210F-N30N30-050	50 cm
LTCA201F-N30N30-XXX	XXX cm

- Connector1:** N-male (MIL-STD-348A/304), Passivated st.steel
- Connector2:** N-male (MIL-STD-348A/304), 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 :LTCA210F
- 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 LTCA210F-N30N30-XXX**
- Impedance** 50 Ohm
 - Frequency range** DC to 18 GHz
 - VSWR (Return loss)** 1,22(-20 dB)
 - Phase stability Vs. Bending** 2° @ 10 GHz
- (wrapped around 7,5 cm mandrel)
- 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 ÷ +85°C
 - Flex life** 100 000