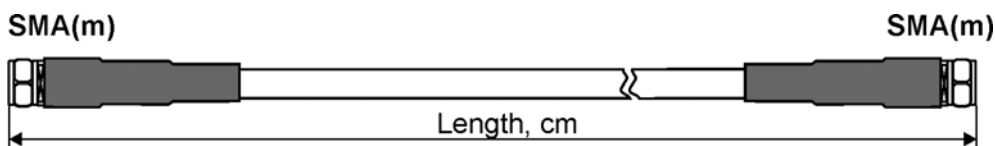


18 GHz Low Loss test cable assemblies SMA(m) – SMA(m) GZ2.LTCA210F.001TS

Vilnius-09, Lithuania; Tel.: +370 5 2135404; e-mail: info@geozondas.com



Type	Length
LTCA210F-A30A30-050	50 cm
LTCA210F -A30A30-100	100 cm
LTCA210F -A30A30-150	150 cm
LTCA210F -A30A30-200	200 cm
LTCA210F -A30A30-XXX	XXX cm

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

Connector2: SMA-male (MIL-STD-348A), Passivated st. steel

Cable

Dielectric: LD PTFE, velocity of propagation 80%

Cable jacket: FEP, light blue, external diameter 5,33 mm

Insertion Loss

0,36 dB/m @ 1 GHz
0,75 dB/m @ 5 GHz
1,18 dB/m @ 10 GHz
1,64 dB/m @ 18 GHz

Min. Dynamic Bending Radius 51,0 mm

Weight 65,5 g/m

Nominal electrical characteristics of LTCA210F-A30A30-XXX

Impedance 50 Ohm

Frequency range DC to 18 GHz

VSWR (Return loss) 1,15(-23 dB)

Phase stability Vs. Bending* 2° @ 10 GHz
3° @ 18 GHz

Mechanical characteristics

Temperature range -55 ÷ +125°C

Flex life 100 000

*Cable wrapped around 7,5 cm diameter mandrel