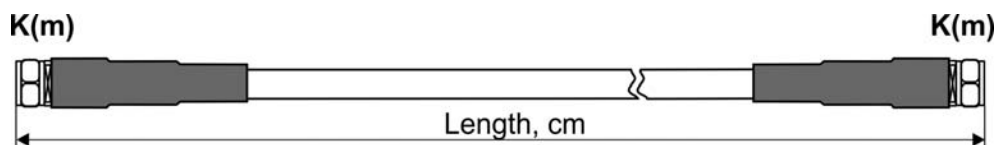


**Product Datasheet**
**40 GHz Low Loss test cable assemblies K (m) – K (m)**  
**GZ2.LTCA165.001TS**


Type	Length
LTCA165-K30K30-050	50 cm
LTCA165 -K30K30-100	100 cm
LTCA165 -K30K30-150	150 cm
LTCA165 -K30K30-200	200 cm
LTCA1465 -K30K30-XXX	XXX cm

**Connector 1:** K-male (MIL-C-39012; MIL-STD-348A/323), Passivated st. steel

**Connector 2:** K-male (MIL-C-39012; MIL-STD-348A/323), Passivated st. steel

**Cable**

Dielectric: LD PTFE, velocity of propagation 80%

Cable jacket: FEP 4,2 mm

Insertion Loss (typical)

0,4 dB/m @ 1 GHz
1,25 dB/m @ 10 GHz
1,7 dB/m @ 18 GHz
2,1 dB/m @ 26 GHz
2,7 dB/m @ 40 GHz

**Nominal electrical characteristics of LTCA165-K30K30-XXX**

Impedance	50 Ohm
Frequency range	DC to 40 GHz
VSWR (Return loss)	1,25 (-19,0 dB)

**Mechanical characteristics**

Flexures	5000
Min. bending radius	10 mm (single) 30 mm (repeated)
Temperature range	-55 ÷ +125°C

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