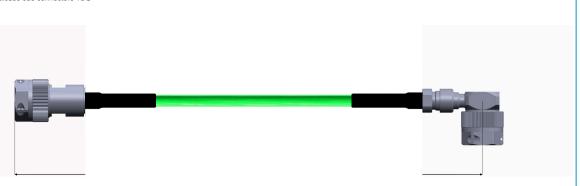


PAGE 1/1 ISSUE **28/08/2024** SERIES **TestPro Cable PART NUMBER 0501050352000GX**

All dimensions are in mm

For more details, please see connectors TDS



DESIGNATION

Cable Measurement Low Loss cable - P/N - TestPro 5

Connector Left N 18 - straight plug - passivated stainless steel - P/N: M163065C00

Connector Right N 18 - right-angle plug - passivated stainless steel 316L - P/N: M163195L02

Assembly Length 2000 mm / 78.74 inch (tolerance = \pm 2%) Assembly Weight 236.00 gr / 8.32 oz (tolerance = \pm 5%)

ELECTRICAL CHARACTERISTICS

Characteristic impedance 50 Ohms
Max operating frequency 18.0 GHz

Assembly Typ Insertion Loss 2.37 dB (at 20 °C, at 18.0 GHz)

Assembly Typ VSWR 1.25 (at 18.0 GHz)

Assembly Max. Insertion Loss 2.56 dB (at 20 °C, at 18.0 GHz)

Assembly Max VSWR
Assembly Max Return Loss
Phase stability vs. Temp

1.30 (at 18.0 GHz)
17.7 dB (at 18.0 GHz)
1° / m / GHz (-55° / +100°C)

Dielectric withstanding voltage 1500 V
Insulation resistance 5000 M.Ohms

Other Amplitude stability typ. (dB) 0,09 @ 18GHz

Phase with flexure stability typ. 4,3° @18GHz

Note: Max IL are indicative only when superior to 40dB

MECHANICAL CHARACTERISTICS

Cable Outer diameter

Static bending radius

Dynamic bending radius

Other

5.85 mm Max | 0,230 inch

25.0 mm | 0.98 inch

50.0 mm | 1.97 inch

Flexure life cycle > 5,000

Mating cycles durability > 5,000

ENVIRONMENTAL CHARACTERISTICS

Temperature range -55 +125°C
Fire resistance Yes
RoHS Yes