

PAGE 1/1	ISSUE 28/08/2024	SERIES TestPro Cable	PART NUMBER 0501050352000GX
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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 = ± 2%)
Assembly Weight	236.00 gr / 8.32 oz (tolerance = ± 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	1.30 (at 18.0 GHz)
Assembly Max Return Loss	17.7 dB (at 18.0 GHz)
Phase stability vs. Temp	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	5.85 mm Max 0,230 inch
Static bending radius	25.0 mm 0.98 inch
Dynamic bending radius	50.0 mm 1.97 inch
Other	Flexure life cycle > 5,000 Mating cycles durability > 5,000

ENVIRONMENTAL CHARACTERISTICS

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