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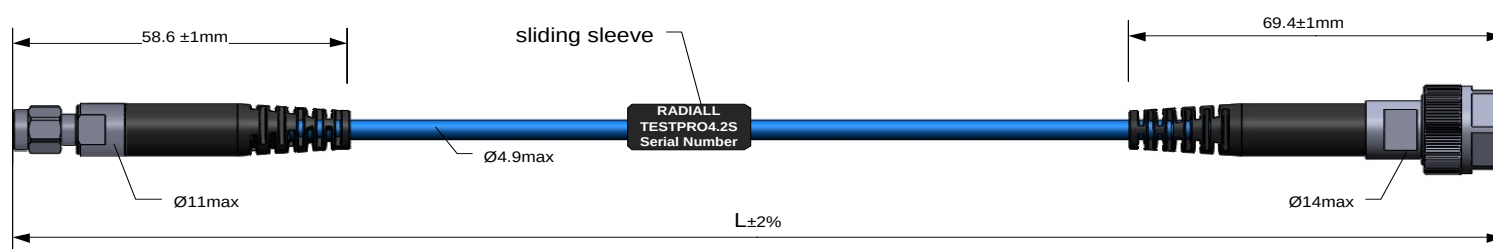
CUSTOMER · All

SPECIFICATION · -

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All dimensions are in mm



Part Number	Overall Length (mm)	Tolerance (mm)
TP4.2S-SMAM-NM-24	610	±12
TP4.2S-SMAM-NM-36	914	±18
TP4.2S-SMAM-NM-48	1220	±24
TP4.2S-SMAM-NM-78	2000	±40

CONNECTORS DESIGNATION

Connector 1: **R125064151**
SMA straight plug
Stainless steel passivated

Torque wrench : **110** N.cm

Connector 2: **R163064151**
N straight plug
Stainless steel passivated

Torque wrench : 170 N.cm

CABLE DESIGNATION

TestPro4.2S

PROTECTIVE JACKET

OUTER DIAMETER

4,90 mm max

MARKING

White marking on a black sliding heatshrink sleeve

ELECTRICAL CHARACTERISTICS

Characteristic impedance	50 ±2 Ohms
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Frequency band : **DC-18 GHz**

Part Number	Length (mm)	Max insertion loss (dB) at 20°C	Max VSWR at 20°C
TP4.2S-SMAm-Nm-24	610	1,92	1,30 : 1
TP4.2S-SMAm-Nm-36	914	2,72	1,30 : 1
TP4.2S-SMAm-Nm-48	1220	3,52	1,30 : 1
TP4.2S-SMAm-Nm-78	2000	5,57	1,30 : 1

Phase stability with bending (*)	<3,06 °	at 18GHz
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Stabilité de phase en enroulement

Attenuation stability with bending (*)	<0.05 dB	at 18GHz
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Stabilité de pertes en enroulement

(*) Test done according to IEC60966-1. Cable is submitted to 5 windings 360° clockwise on a 100mm mandrel. Measurement is done after 5 windings.

MECHANICAL CHARACTERISTICS

Static bending radius : **25 mm**

Dynamic bending radius : **50 mm**

Life (Connectors) :	5 000	Cycles
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ENVIRONMENTAL CHARACTERISTICS

Temperature range : **-55°C to +105°C**