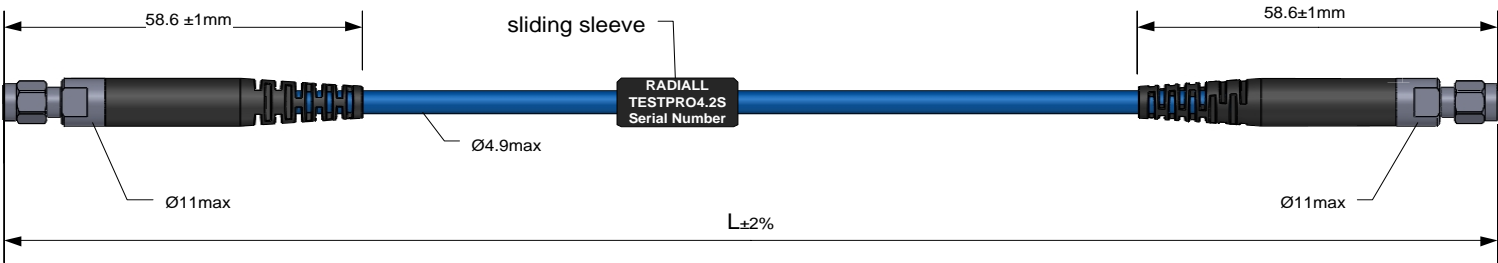


PAGE 1/1	ISSUE 25/04/19	SERIES TestPro	PART NUMBER TP4.2S-SMA-MM-XX
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CUSTOMER : All SPECIFICATION : - ISSUE : - DATE -

All dimensions are in mm



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

CONNECTORS DESIGNATION	Connector 1: R125064151 SMA straight plug Stainless steel passivated Torque wrench : 110 N.cm	Connector 2: R125064151 SMA straight plug Stainless steel passivated Torque wrench : 110 N.cm
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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
Frequency band :	DC - 20 GHz

Part Number	Length (mm)	Max insertion loss (dB) at 20°C	Max VSWR at 20°C
TP4.2S-SMA-MM-24	610	2,01	1,27 : 1
TP4.2S-SMA-MM-36	914	2,86	1,27 : 1
TP4.2S-SMA-MM-48	1220	3,71	1,27 : 1
TP4.2S-SMA-MM-78	2000	5,89	1,27 : 1

Phase stability with bending (*) <i>Stabilité de phase en enroulement</i>	<3,40 °	at 20GHz
Attenuation stability with bending (*) <i>Stabilité de pertes en enroulement</i>	<0.05 dB	at 20GHz

(*) 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

ENVIRONMENTAL CHARACTERISTICS

Temperature range :	-55°C to +105°C
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[TP4.2S-SMA-MM-24](#)