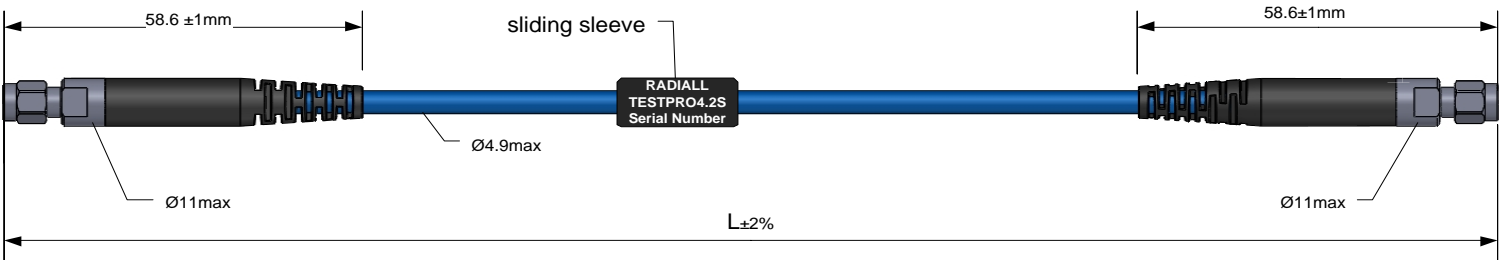


PAGE 1/1	ISSUE	25/04/19	SERIES	TestPro	PART NUMBER	TP4.2S-SMA-MM-XX
----------	-------	----------	--------	---------	-------------	------------------

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	Connector 2: R125064151 SMA straight plug Stainless steel passivated
	Torque wrench : 110 N.cm	Torque wrench : 110 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

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 (*) **<3,40 °** **at 20GHz**
Stabilité de phase en enroulement

Attenuation stability with bending (*) **<0.05 dB** **at 20GHz**
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

ENVIRONMENTAL CHARACTERISTICS

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

[TP4.2S-SMA-MM-48](#)