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 ISSUE **25/04/19**

SERIES

**TestPro**

PART NUMBER

**TP4.2S-N-MM-XX**

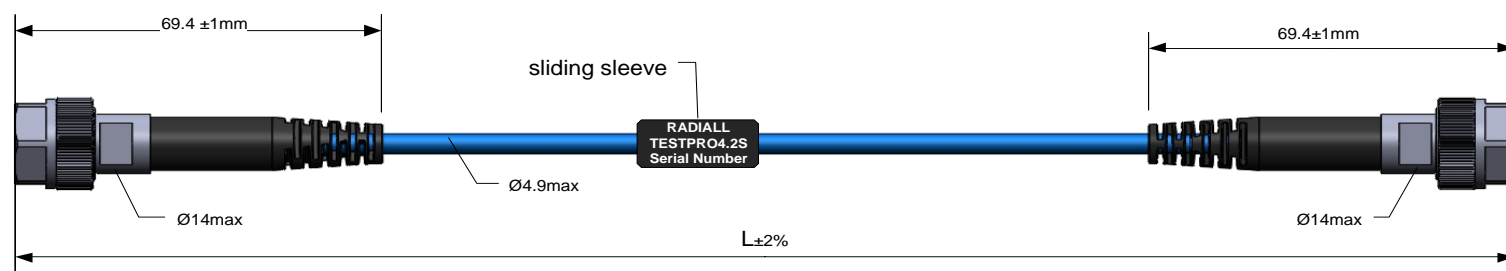
CUSTOMER : All

SPECIFICATION : -

ISSUE : -

DATE -

All dimensions are in mm



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

**CONNECTORS DESIGNATION**

 Connector 1: **R163064151**  
**N straight plug**  
**Stainless steel passivated**  
**Torque wrench : 170 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**

Frequency band :

**DC-18 GHz**

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

Phase stability with bending (\*)

**<3,06 ° at 18GHz**
*Stabilité de phase en enroulement*

Attenuation stability with bending (\*)

**<0.05 dB at 18GHz**
*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**

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