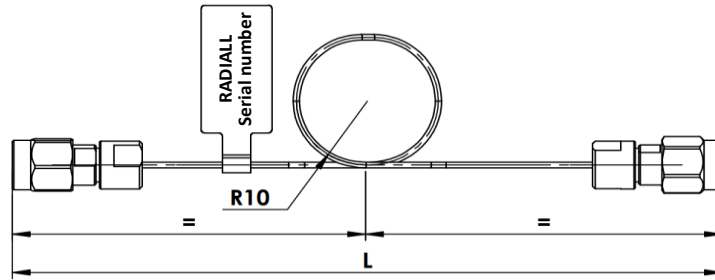


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CUSTOMER : - SPECIFICATION : **Inside of the cryogenic Fridge**
Recommended shape for 10mK application ISSUE : - DATE : -

All dimensions are in mm

For more details, please see connectors TDS



Part number	Length (L)	Marking
R294C2312008	100 mm	The marking can be change on specific customer requests
R294C2312009	200 mm	
R294C2312010	450 mm	

Length "L" between 100mm and 450mm adjustable according to customer request.

CONNECTORS DESIGNATION	Connector 1:	R125052C10 SMA Straight Plug Solderless Beryllium Copper NPGR Torque wrench : 100 N.cm	Connector 2:	R125052C10 SMA Straight Plug Solderless Beryllium Copper NPGR Torque wrench : 100 N.cm
CABLE DESIGNATION	Semi Rigid .034" Niobium-Titanium Inner & Outer conductor			
PROTECTIVE JACKET				
OUTER DIAMETER	0,94 mm max			
MARKING	Black marking on white label (to be removed before installation)			

ELECTRICAL CHARACTERISTICS

Characteristic impedance	50 Ohms
Frequency band :	DC - 18 GHz
Dielectric Withstanding Voltage:	750 Veff
Insulation Resistance	5000 Mohms

MECHANICAL CHARACTERISTICS

Recommanded bending radius :	10 mm
<i>For lower bending radius requierment please ask</i>	
Min. Dynamic bending radius :	N/A mm
Life (Connectors) :	100 Cycles

ENVIRONMENTAL CHARACTERISTICS

Temperature range :	Tested at 10mk
RoHS status :	RoHS3 compliant

In case of difference between the performances announced into the TDS and the customer specification, the TDS is the document of reference for the order.

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