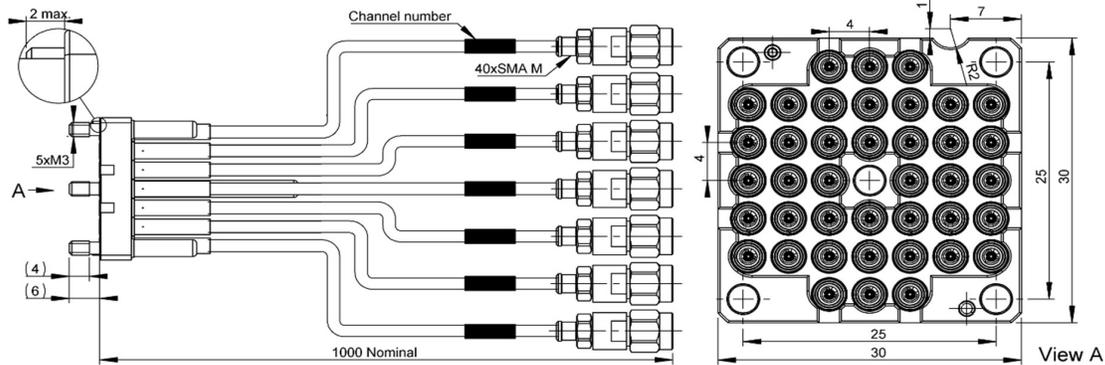


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CUSTOMER : - SPECIFICATION : - ISSUE : - DATE: -

All dimensions are in mm



CONNECTORS DESIGNATION Connector 1: **Pressure Contact Connector (Radiall design and patent) NA**
 Torque wrench : **NA** N.m
 Connector 2: **SMA PLUG**
 Torque wrench : **1** N.m min

CABLE DESIGNATION **SHF2.4M**
 PROTECTIVE JACKET **Green PFA**
 OUTER DIAMETER **2.42** mm nominal
 MARKING -

ELECTRICAL CHARACTERISTICS

Characteristic impedance	50 Ohms	Insulation Resistance:	1000 MOhms min
Frequency band :	DC - 18 GHz	Voltage Rating:	175 Veff max
Insertion loss (dB):	1.56 Max dB at 0-4 GHz and 20 °C 2.53 Max dB at 4-10 GHz and 20 °C	Withstanding voltage:	350 Veff min
VSWR :	1.25 Max at 0-10 GHz and 20 °C 1.40 Max (for cable assembly through test PCB)		

MECHANICAL CHARACTERISTICS

Static bending radius :	10 mm	OC Floating range(Connector 1)	0.15 mm
Dynamic bending radius :	20 mm	CC Floating range(Connector 1)	0.15 mm
Life (Connectors) :	50 Cycles		

ENVIRONMENTAL CHARACTERISTICS

Connector temperature range : **10mk to 398.15K(+125°C)**

Remark : **Non-magnetic Cable Assembly
 Cable Assembly is RoHS compliant.**