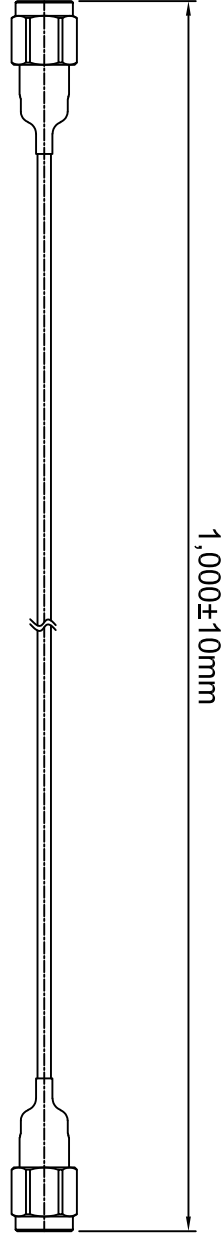
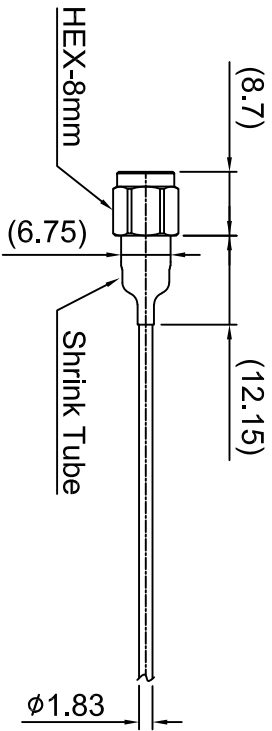


Rev. No	Description	E.C.O	Date



Connector P/N : K(M)\_ST072\_01



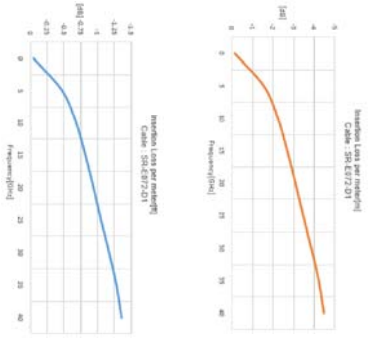
Cable P/N : SR\_E702\_D1



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Specifications	Material(s)(Cable)
MIL-C-17 : Cable MIL-PRF-39012 : Connectors MIL-G-45204 : Gold Plating, Electrodeposited MIL-I-23053 : Insulation Stewing etc. MIL-P-46179 : Plastic Molding etc. MIL-R-46198 : Resin, Polyimide etc. Military Standards MIL-STD-202 : Test Method MIL-STD-810 : Test Method for Environmental MIL-STD-1344 : Test Method for Connectors	1. Cable Center Conductor Solid Spc (ASTM B 298) 2. Cable Dielectric Ultra Low Density PTFE in accordance with the applicable paragraph of MIL C 17 3. Cable Shield Brass (ASTM B 16) , Tin plated (ASTM-B-545)

Materials(Connector)	Cable Constriction
1. Body Stainless Steel (ASTM B 582), Passivated Brass (C3604)(ASTM B 16) , Au Plated 2. Center Conductor BeCu (C1720)(ASTM B 16) , Au Plated 3. Insulator PEI0113 (ASTM D 5205) 4. Coupling Nut Stainless Steel (ASTM B 582) , Passivated	



Insertion Loss graph(Cable)	Electrical Characteristics (Cable)	Mechanical Characteristics (Cable)	Electrical Characteristics (Connector)
	1. Impedance : 50 Ohm 2. Capacitance : 78.7pF/m, 24pF/ft 3. Velocity of Propagation : Nom. 84% 4. Delay : 3.9ns/m, 1.19ns/ft 5. Insertion Loss : -4.5dB/m@40GHz -1.37dB/ft@40GHz 6. RF Leakage : -110dB	1. Minimum Bend Radius : 7mm 2. Temperature Range : -40C / +25C 3. Weight Nominal : 14.5 g/m	1. Impedance : 50 Ohm 2. Frequency : DC to 40GHz 3. VSWR : 1.22 : 1@40GHz Typ. 1.35 : 1@40GHz Max. 4. Insertion Loss : -0.1dB/EA @40GHz 5. RF Leakage : -100dB

Assy Name	2.92mm(m) for SR_E702_D1	Assy No.	K(M)_ST072_01 - SR_E072_D1 - K(M)_ST072_01 - 1.0M	Drawing No.	Scale	N/S	Revision No.	Rev.0	Material	See Note.	Date	2020.11.13	Name	Signature	
Common Tolerance	Seismic Center Cylinder Coaxially Concentric	Group 1 X Group 2 XX Group 3 XXX	Group 1 X Group 2 XX Group 3 XXX	Entry Tolerance Angle	X ±0.3 ±3.0°	Projection mm	Sheet Size A4	Sheet 1 of 1	Plate General External	See Note. -	-	-	Approved By JM_P	Checked By SM_C	Designed By JH_L

