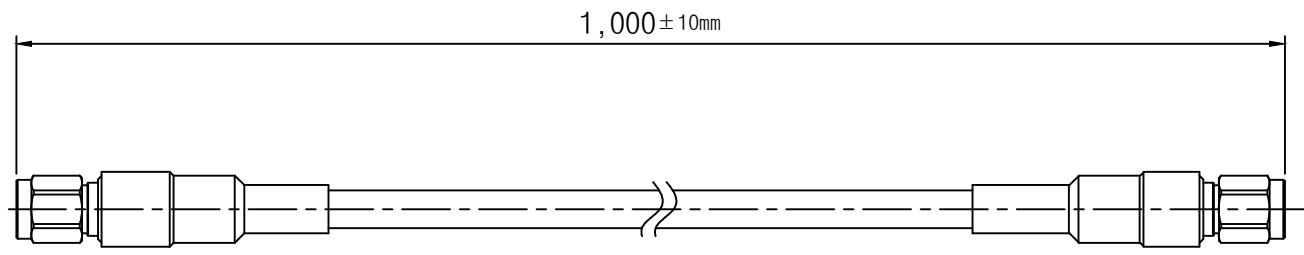
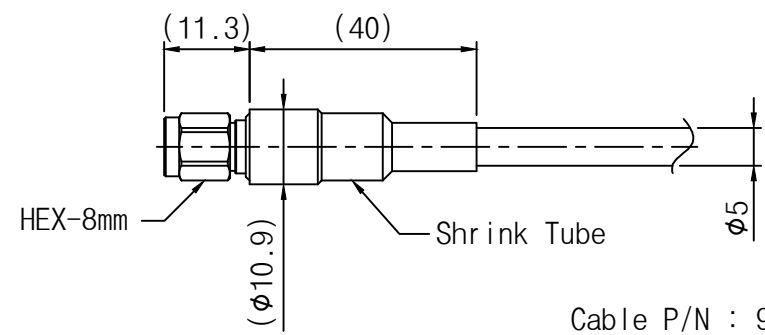


Rev. No	Description	E.C.O	Date



Connector P/N : K(M)_ST40_01

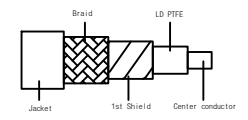


Cable P/N : 9S40

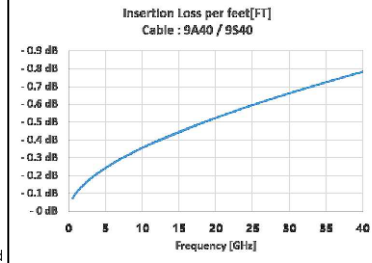
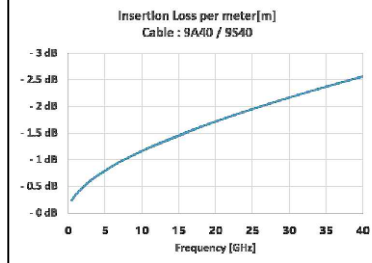


Specifications	Materials(Cable)
MIL-C-17 : Cable MIL-PRF-39012 : Connectors MIL-G-45204 : Gold Plating, Electrodeposited MIL-I-23053 : Insulation Sleeving etc. MIL-P-46179 : Plastic Molding etc. MIL-R-46198 : Resin, Polyimide etc.	1. Cable Center Conductor Solid SPC (ASTM B 298) 2. Cable Dielectric Low Density PTFE in accordance with the applicable paragraph of MIL C 17
Military Standards MIL-STD-202 : Test Method MIL-STD-810 : Test Method for Environmental MIL-STD-1344 : Test Method for Connectors	3. Cable Inner Shield SPC Flat Wire (ASTM B 298) 4. Cable Outer Shield SPC Round Wire (ASTM B 298)
Materials(Connector) 1. Body Stainless Steel (ASTM A 582), Passivated Brass (C3604)(ASTM B 16), Au Plated 2. Center Conductor BeCu (C1730)(ASTM B 16), Au Plated 3. Insulator PEI0113 (ASTM D 5205) 4. Coupling Nut Stainless Steel (ASTM A 582), Passivated	5. Cable Jacket High Temperature Resin

Cable Constriction



Insertion loss graph(Cable)



Electrical Characteristics (Cable)

- Impedance : 50 Ohm
- Capacitance : 88 pF/m, 26.8 pF/ft
- Velocity of Propagation : 77 %
- Delay : 4.34 ns/m, 1.32 ns/ft
- Insertion Loss : -2.60dB/m @40GHz Typ.
-2.86dB/m @40GHz Min.
- RF Leakage : -100dB

Mechanical Characteristics (Cable)

- Minimum Bend Radius : 25mm
- Temperature Range : -50°C / +135°C
- Weight Nominal : 44.4 g/m

Electrical Characteristics (Connector)

- Impedance : 50 Ohm
- Frequency : DC to 40GHz
- VSWR : 1.19 : 1 @40GHz Typ.
1.31 : 1 @40GHz Max.
- Insertion Loss : -0.10dB/EA @40GHz
- RF Leakage : -100dB

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	Ass'y Name	2.92mm(m) for 9S40			Ass'y No.	K(M)_ST40_01-9S40-K(M)_ST40_01-1.0M			Size	-	Date	-	Name	Signature			
	Common Tolerance	Seismic Center	○	±0.03	Group 1	Group 2	Group 3	Drawing No.	-			Material	Approved By	JM_PARK			
		Cylinder	⊗	±0.03		Entry	X		X.X	X.XX	Scale		N/S	Revision No.	-	Checked By	SW_HAN
		Coaxiality	⊙	±0.03		Tolerance	±0.3		±0.2	±0.1	Projection			Sheet Size	A4	Designed By	JH_KANG
Concentric	⊖	±0.03	Angle	±3.0°	±2.0°	±1.0°	Unit	mm	Sheet	1 of 1	General External	-					