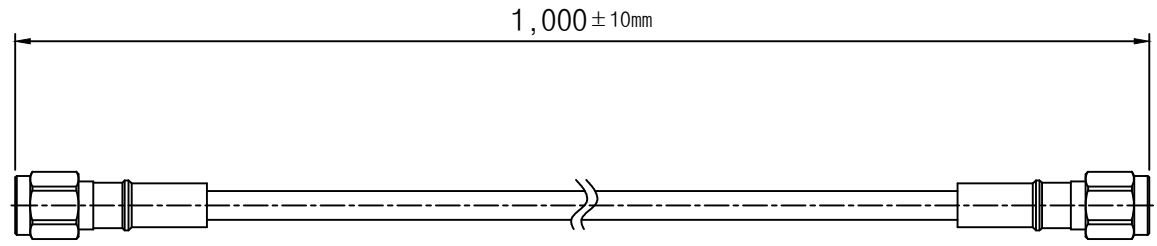
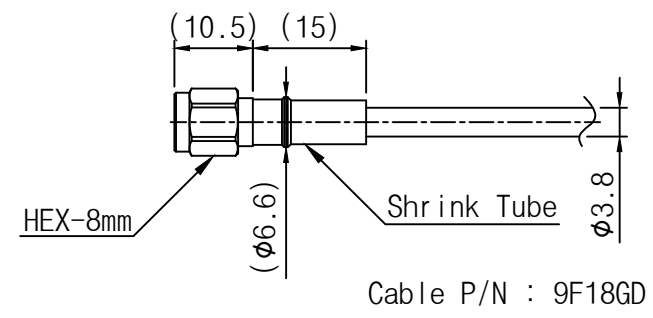


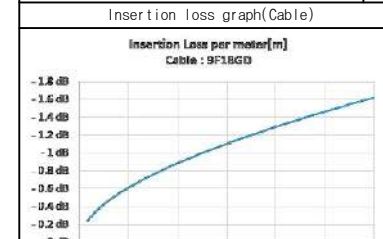
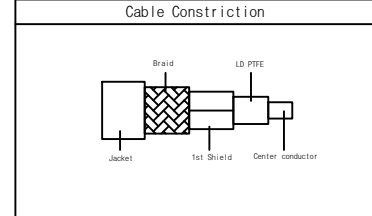
Rev. No	Description	E.C.O	Date



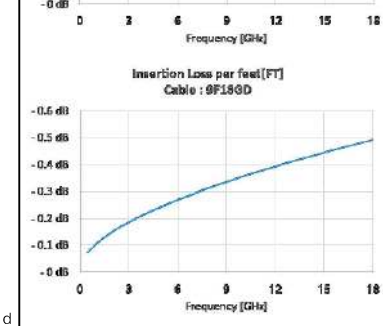
Connector P/N : SMA(M)_SH18_01



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 Al Mylar tape 4. Cable Outer Shield SPC Round Wire (ASTM B 298)
Materials(Connector) 1. Body Brass (C3604)(ASTM B 16), Ni/Au Plated 2. Center Conductor Brass (C3604)(ASTM B 16), Au Plated 3. Insulator PTFE (ASTM D 1710) 4. Coupling Nut Brass (C3604)(ASTM B 16), Ni Plated	5. Cable Jacket FEP



- 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 : -1.65dB/m @18GHz Typ.
-1.75dB/m @18GHz Min.
 - RF Leakage : -100dB



- Mechanical Characteristics (Cable)**
- Minimum Bend Radius : 15mm
 - Temperature Range : -50°C / +125°C
 - Weight Nominal : 33 g/m

- Electrical Characteristics (Connector)**
- Impedance : 50 Ohm
 - Frequency : DC to 18GHz
 - VSWR : 1.13 : 1 @18GHz Typ.
1.23 : 1 @18GHz Max.
 - Insertion Loss : -0.10dB/EA @18GHz
 - RF Leakage : -100dB



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	Ass'y Name	SMA(m) for 9F18GD			Ass'y No.	SMA(M)_SH18_01-9F18GD-SMA(M)_SH18_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	-					