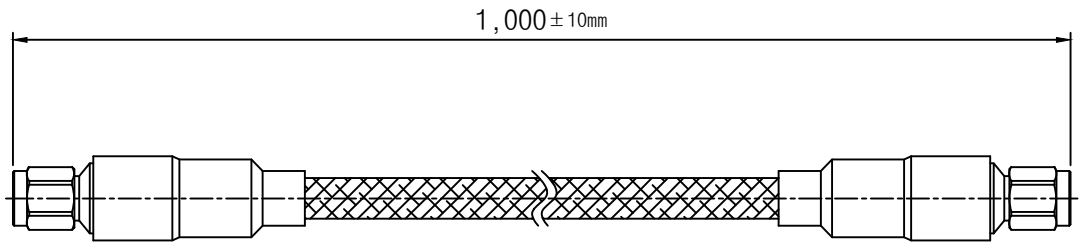
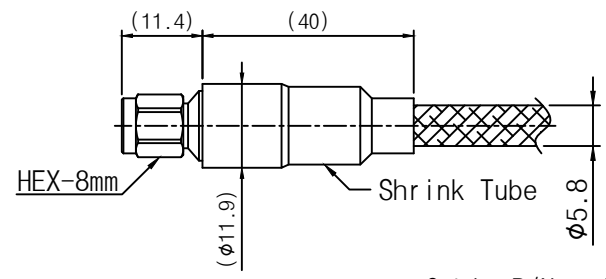


Rev. No	Description	E.C.O	Date

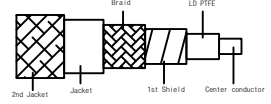


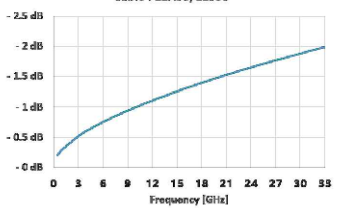
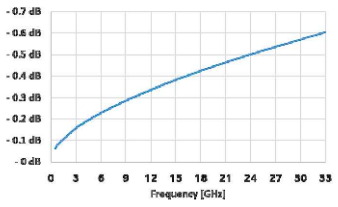
Connector P/N : HFSMA(M)\_ST33\_01




Cable P/N : 11A33



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 pragraph of MIL C 17
<b>Military Standards</b>	3. Cable Inner Shield SPC Flat Wire (ASTM B 298)
MIL-STD-202 : Test Method MIL-STD-810 : Test Method for Environmental MIL-STD-1344 : Test Method for Connectors	4. Cable Outer Shield SPC Round Wire (ASTM B 298)
<b>Materials(Connector)</b>	5. Cable Jacket Ruggedized Aramid Yarn
1. Body Stainless Steel (ASTM A 582), Passivated Brass (C3604)(ASTM B 16), Ni Plated	<b>Cable Constriction</b>
2. Center Conductor Brass (C3604)(ASTM B 16), Au Plated	
3. Insulator PTFE (ASTM D 1710) PEI0113 (ASTM D 5205)	
4. Coupling Nut Stainless Steel (ASTM A 582), Passivated	

Insertion loss graph(Cable)	Electrical Characteristics (Cable)
<p><b>Insertion Loss per meter[m]</b> Cable : 11A33/11533</p>  <p><b>Insertion Loss per feet[FT]</b> Cable : 11A33/11533</p> 	1. Impedance : 50 Ohm 2. Capacitance : 88 pF/m, 26.8 pF/ft 3. Velocity of Propagation : 77 % 4. Delay : 4.34 ns/m, 1.32 ns/ft 6. Insertion Loss : -2.0dB/m @33GHz Typ. -2.2dB/m @33GHz Min. 6. RF Leakage : -100dB
	<b>Mechanical Characteristics (Cable)</b> 1. Minimum Bend Radius : 25mm 2. Temperature Range : -50°C / +135°C 3. Weight Nominal : 58.9 g/m
	<b>Electrical Characteristics (Connector)</b> 1. Impedance : 50 Ohm 2. Frequency : DC to 33GHz 3. VSWR : 1.22 : 1 @33GHz Typ. 1.35 : 1 @33GHz Max. 4. Insertion Loss : -0.10dB/EA @33GHz 5. RF Leakage : -100dB

THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION OF SensorView Co., Ltd

	Ass'y Name	HFSMA(m) for 11A33			Ass'y No.	HFSMA(M)_ST33_01-11A33-HFSMA(M)_ST33_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	-