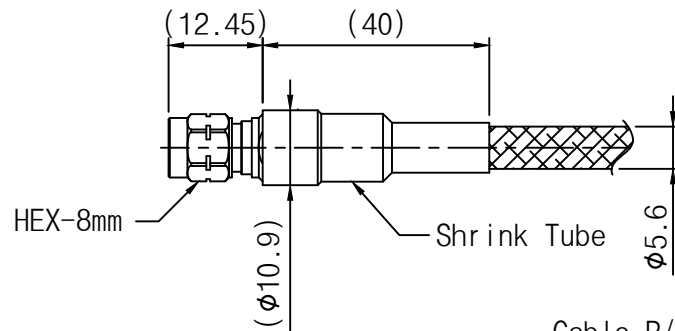


Connector P/N : 2P4(M)_ST40_01



Cable P/N : 9A40



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Rev. No	Description	E.C.O	Date

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 Ruggedized Aramid Yarn
Cable Constriction	
Insertion loss graph(Cable)	Electrical Characteristics (Cable)
<p>Insertion Loss per meter[m] Cable : 9A40 / 9540</p> <p>Insertion Loss per feet[FT] Cable : 9A40 / 9540</p>	<ol style="list-style-type: none"> 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)	
<ol style="list-style-type: none"> Minimum Bend Radius : 25mm Temperature Range : -50°C / +135°C Weight Nominal : 48.6 g/m 	
Electrical Characteristics (Connector)	
<ol style="list-style-type: none"> Impedance : 50 Ohm Frequency : DC to 40GHz VSWR : 1.20 : 1 @40GHz Typ. 1.30 : 1 @40GHz Max. Insertion Loss : -0.10dB/EA @40GHz RF Leakage : -100dB 	

	Ass'y Name	2.4mm(m) for 9A40			Ass'y No.	2P4(M)_ST40_01-9A40-2P4(M)_ST40_01-1.0M			Size	-	Date	-	<table border="1"> <tr> <td>Approved By</td> <td>JM_PARK</td> </tr> <tr> <td>Checked By</td> <td>SW_HAN</td> </tr> <tr> <td>Designed By</td> <td>JH_KANG</td> </tr> </table>	Approved By	JM_PARK	Checked By	SW_HAN	Designed By	JH_KANG		
	Approved By	JM_PARK																			
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	Designed By	JH_KANG																			
	Common Tolerance	Seismic Center		±0.03	<table border="1"> <tr> <td>Entry</td> <td>X</td> <td>X.X</td> <td>X.XX</td> </tr> <tr> <td>Tolerance</td> <td>±0.3</td> <td>±0.2</td> <td>±0.1</td> </tr> <tr> <td>Angle</td> <td>±3.0°</td> <td>±2.0°</td> <td>±1.0°</td> </tr> </table>	Entry	X	X.X	X.XX	Tolerance	±0.3	±0.2		±0.1	Angle	±3.0°	±2.0°	±1.0°	Drawing No.	-	
Entry		X	X.X	X.XX																	
Tolerance		±0.3	±0.2	±0.1																	
Angle		±3.0°	±2.0°	±1.0°																	
Cylinder		±0.03	Scale	N/S	Revision No.	-															
Coaxiality		±0.03	Projection		Sheet Size	A4															
Concentric		±0.03	Unit	mm	Sheet	1 of 1															
General External																					