

12GHZ IP 5 MALE TO SMA FEMALE FOR Ø0.81MM LOW LOSS CABLE ASSEMBLY P/NO.STI03-0004-XX



SPECIFICATION

Frequency	DC-12GHz
VSWR:	1.2:1(Max.)@DC-3GHz 1.4:1(Max.)@3-6GHz 1.5:1(Max.)@6-9GHz 1.7:1(Max.)@9-12GHz
Impedance:	50 Ohm
Durability:	500 Cycles
Connection 1:	SMA Female
Connection 2:	IP 5 Plug
RF Cable:	Ø0.81mm Coaxial Cable
Operating Temp.	-40~85°C

MATERIAL LIST

Part	Material	Plated
SMA		
Body	Brass	Gold
Center Pin	Beryllium Copper	Gold
Insulator	Teflon	
IP 5		
Contact	Copper Alloy	Gold over Nickel
Housing	High Temp. Plastic	
Shell	Copper Alloy	Gold over Nickel

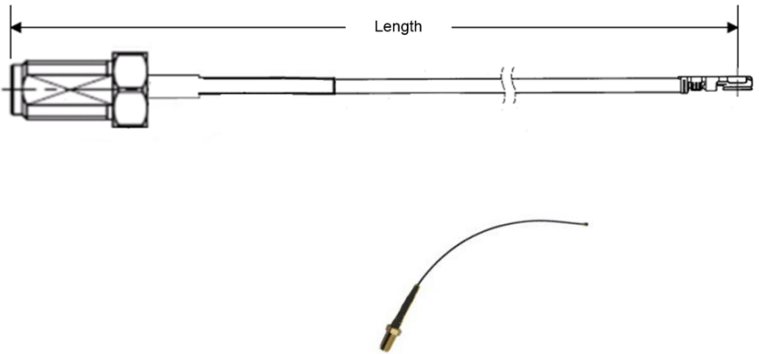
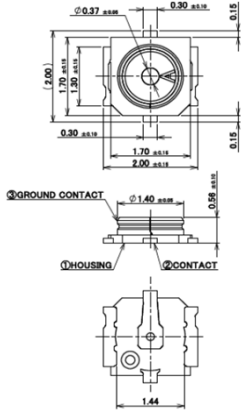
OUTLINE DRAWING

Unit:mm

Unit:mm

Tolerance:0.5~10mm:±0.2mm, 11~100mm:±5.0mm,101~500mm:±10.0mm

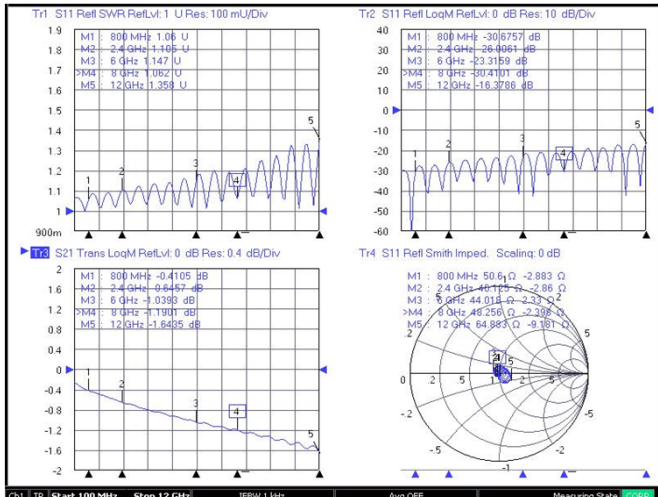
501~1000mm:±15.0mm, 1001~2000mm:±20.0mm, 2000~5000mm:±50.0mm



MHF 5:20566-001 Size

TESTING DATA (100% S-PARAMETER TESTED)

Length:15cm





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FLEXIBLE 00 SERIES CABLE

SPECIFICATION

Max. Operating Frequency	6GHz
Impedance:	50±5 Ohm
Velocity of Propagation:	70%
Capacitance:	98pF/m
Coverage Ratio	≥ 90%
Min. Bend Radius :	4mm
Operating Temperature:	-55~150°C

MATERIAL LIST

Part	Material	Diameter
Center Conductor	Silver Plated Copper	0.21mm
Dielectric	FEP	0.61mm
Outer Conductor	Tinned Alloy Wire	0.72mm
Jacket	PFA	0.83±0.05mm

ATTENTION

MHz	dB/m(Typ.)
1000	2.3
2000	3.3
3000	4.1
4000	4.8
5000	5.4
6000	6.0

Any more request, please contact sales@solvangtech.com. Thank you ~