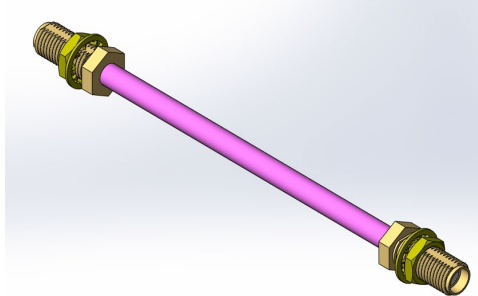


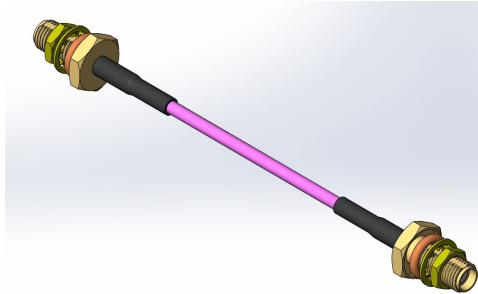


RF Characterization Report

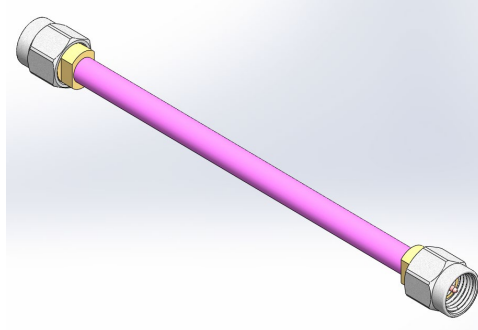
RF23C-01BJ-01BJ-XXXX



RF23C-01SB-01SB-XXXX



RF23C-01SP-01SP-XXXX



Test Date: Sep 2022

Description

**High Performance Microwave Cable Assembly, SMA Connector End,
23 AWG, 50 Ohm, Solid Dielectric, Low Loss, Copper Foil Shield Coax**

Series: RF23C**Description:** High Performance Microwave Cable Assembly, SMA Connector End

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Series: RF23C**Description:** High Performance Microwave Cable Assembly, SMA Connector End

Test Setup Information

Scope:

Provide standing wave ratio, return loss and insertion loss performance parameters for RF23C cable assembly.

Instrument Setup & Test Accessories:

Network Analyzer	Keysight PNA N5227B (10 MHz - 67GHz)
Averaging Factor	0
Smoothing	Off
IF Bandwidth	1 KHz
Sweep Start	10 MHz
Sweep End	26.5 GHz
Points	2650
Test Cables	Gore 0F0CACB036.0-LF(DC to 67 GHz)

Calibration Type:

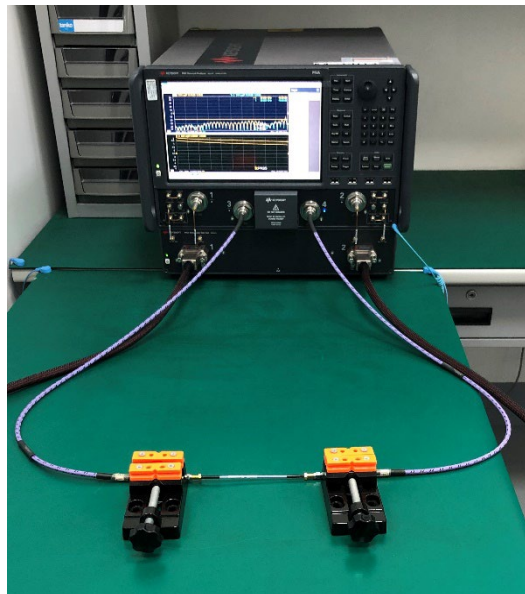
Calibration Kit	Maury 2.92mm MCAL 8770CK11
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Adapter Use:

No adapter used.

Series: RF23C**Description:** High Performance Microwave Cable Assembly, SMA Connector End**RF23C-01XX-01XX-XXXX Test Definition**

Part Number	End 1	End 2
RF23C-01BJ-01BJ-XXXX	SMA Bulkhead Jack	SMA Bulkhead Jack
RF23C-01SB-01SB-XXXX	Straight Bulkhead Jack, Sealed	Straight Bulkhead Jack, Sealed
RF23C-01SP-01SP-XXXX	SMA Straight Plug	SMA Straight Plug

Cable Under Test:

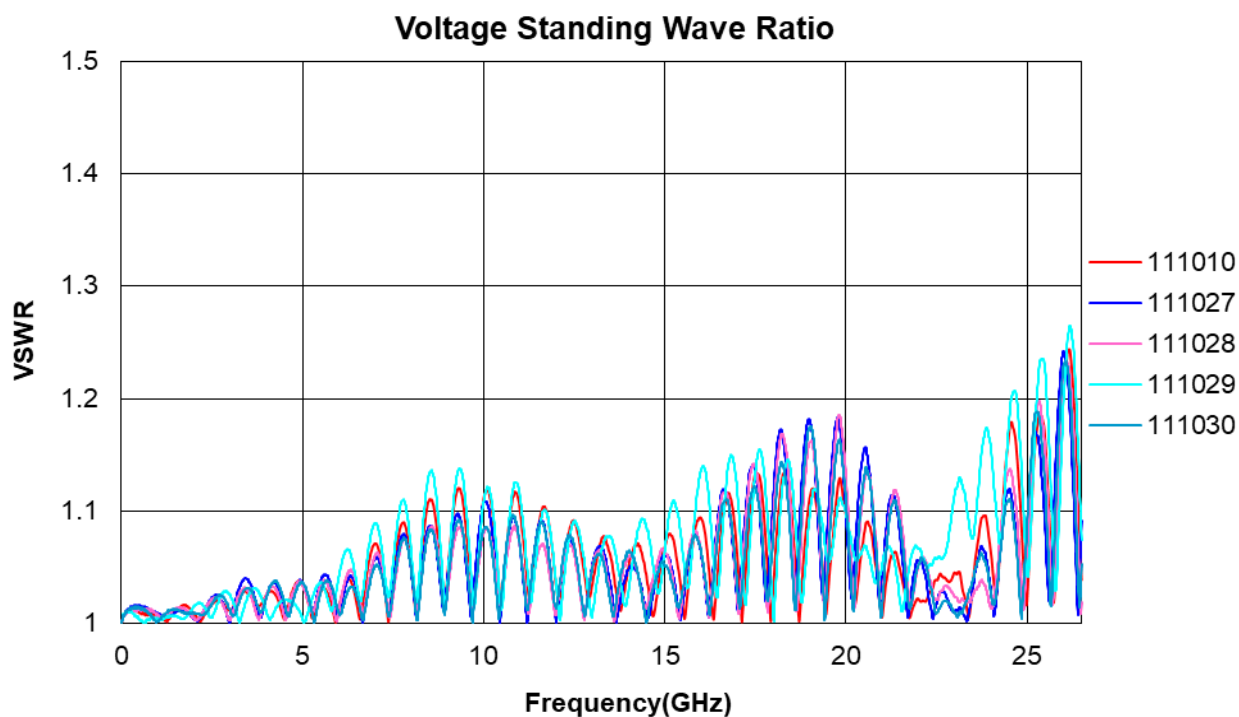
Series: RF23C

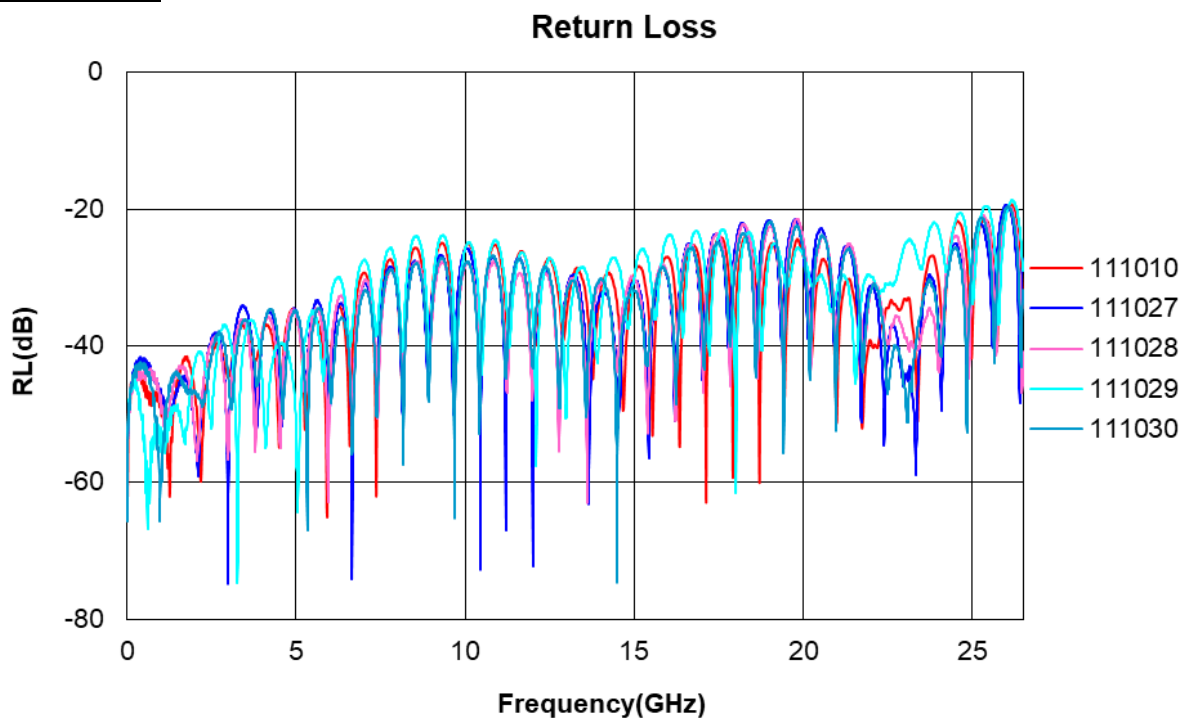
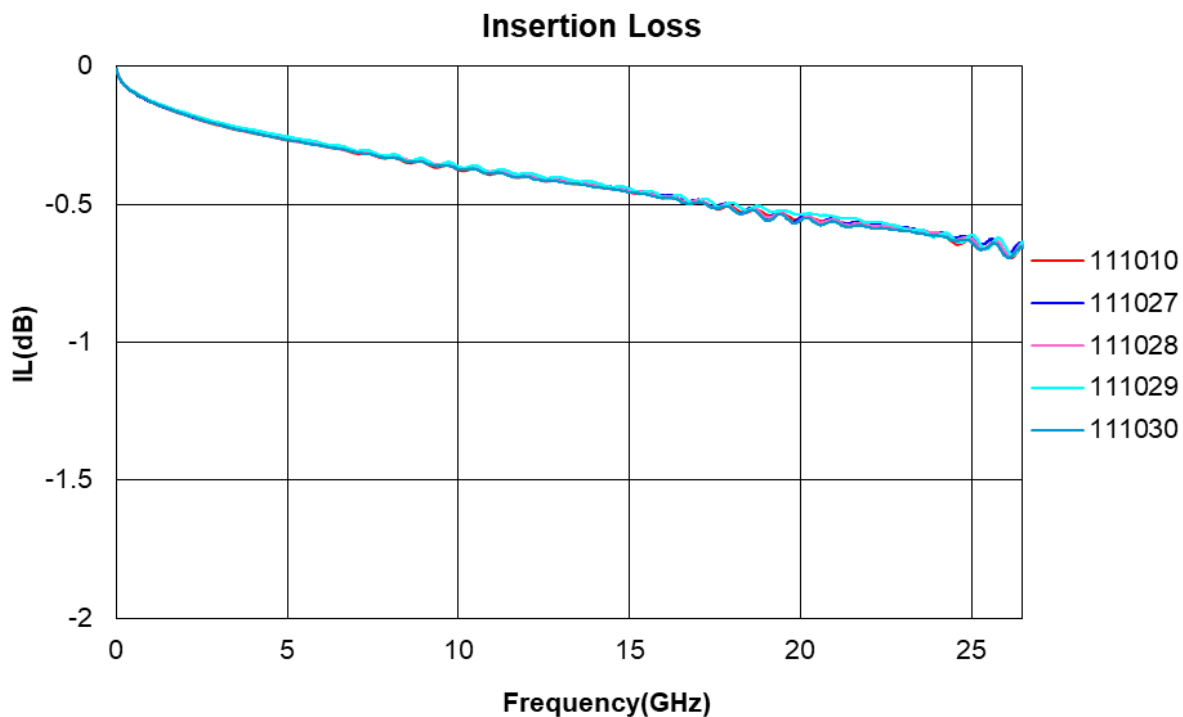
Description: High Performance Microwave Cable Assembly, SMA Connector End

Results: RF23C-01BJ-01BJ-0152

Description: RF23C High Frequency Microwave RF Cable Assembly			
Sample	SWR (max)	RL (max)	IL (min)
111010	1.24 @ 26.16 GHz	-19.21 dB @ 26.16 GHz	-0.70 dB @ 26.16 GHz
111027	1.24 @ 26.01 GHz	-19.33 dB @ 26.01 GHz	-0.68 dB @ 26.04 GHz
111028	1.23 @ 26.12 GHz	-19.68 dB @ 26.12 GHz	-0.69 dB @ 26.10 GHz
111029	1.26 @ 26.18 GHz	-18.64 dB @ 26.18 GHz	-0.69 dB @ 26.21 GHz
111030	1.23 @ 26.06 GHz	-19.61 dB @ 26.06 GHz	-0.70 dB @ 26.08 GHz

VSWR



Series: RF23C**Description:** High Performance Microwave Cable Assembly, SMA Connector EndReturn LossInsertion Loss

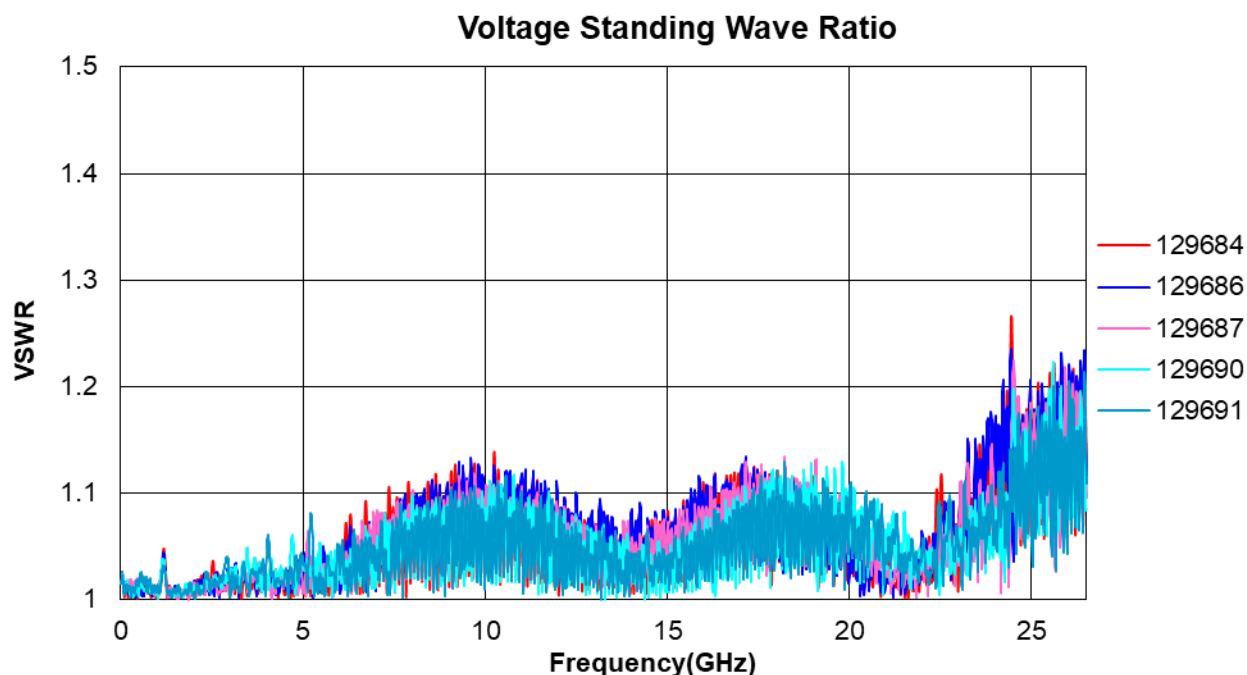
Series: RF23C

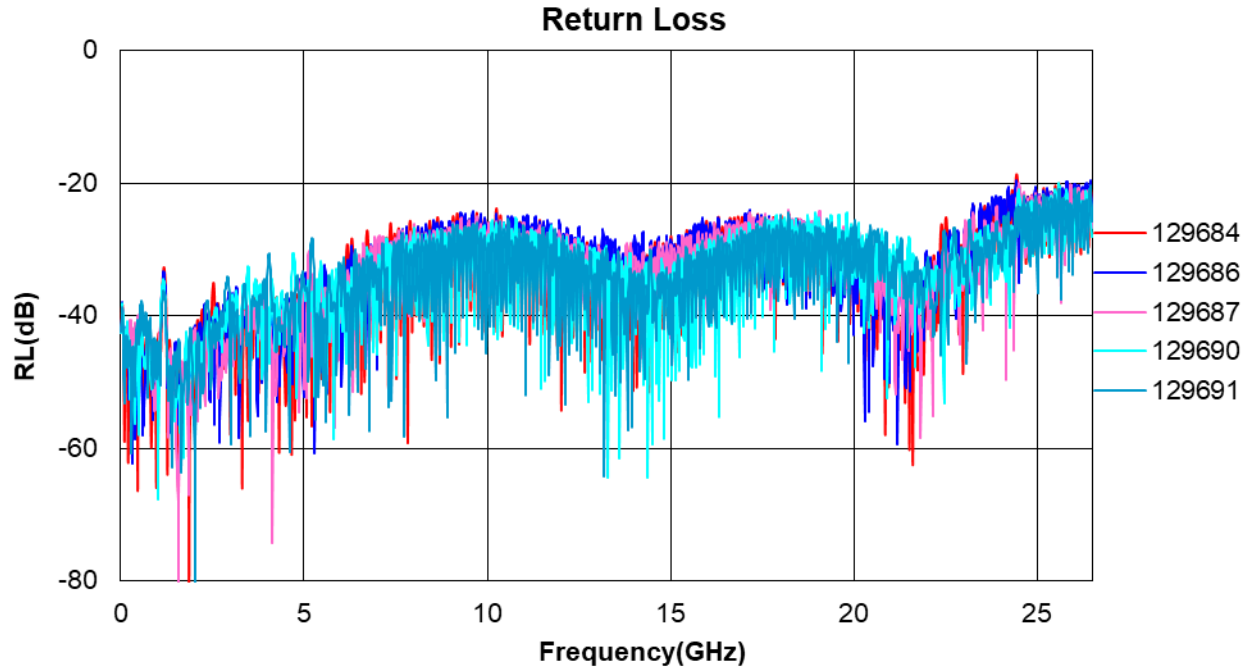
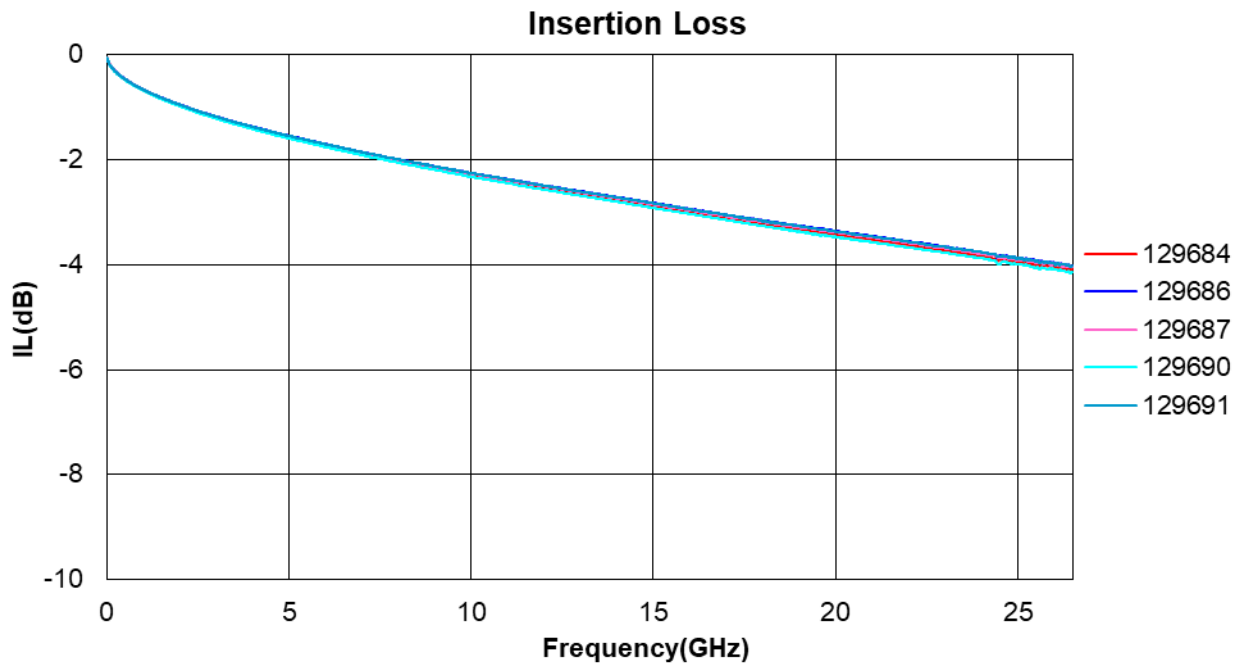
Description: High Performance Microwave Cable Assembly, SMA Connector End

Results: RF23C-01BJ-01BJ-1000

Description: RF23C High Frequency Microwave RF Cable Assembly			
Sample	SWR (max)	RL (max)	IL (min)
129684	1.27 @ 24.44 GHz	-18.60 dB @ 24.44 GHz	-4.11 dB @ 26.46 GHz
129686	1.23 @ 24.43 GHz	-19.57 dB @ 24.43 GHz	-4.05 dB @ 26.46 GHz
129687	1.22 @ 24.51 GHz	-19.91 dB @ 24.51 GHz	-4.06 dB @ 26.46 GHz
129690	1.22 @ 25.59 GHz	-19.95 dB @ 25.59 GHz	-4.17 dB @ 26.44 GHz
129691	1.21 @ 26.46 GHz	-20.31 dB @ 26.46 GHz	-4.05 dB @ 26.46 GHz

VSWR



Series: RF23C**Description:** High Performance Microwave Cable Assembly, SMA Connector EndReturn LossInsertion Loss

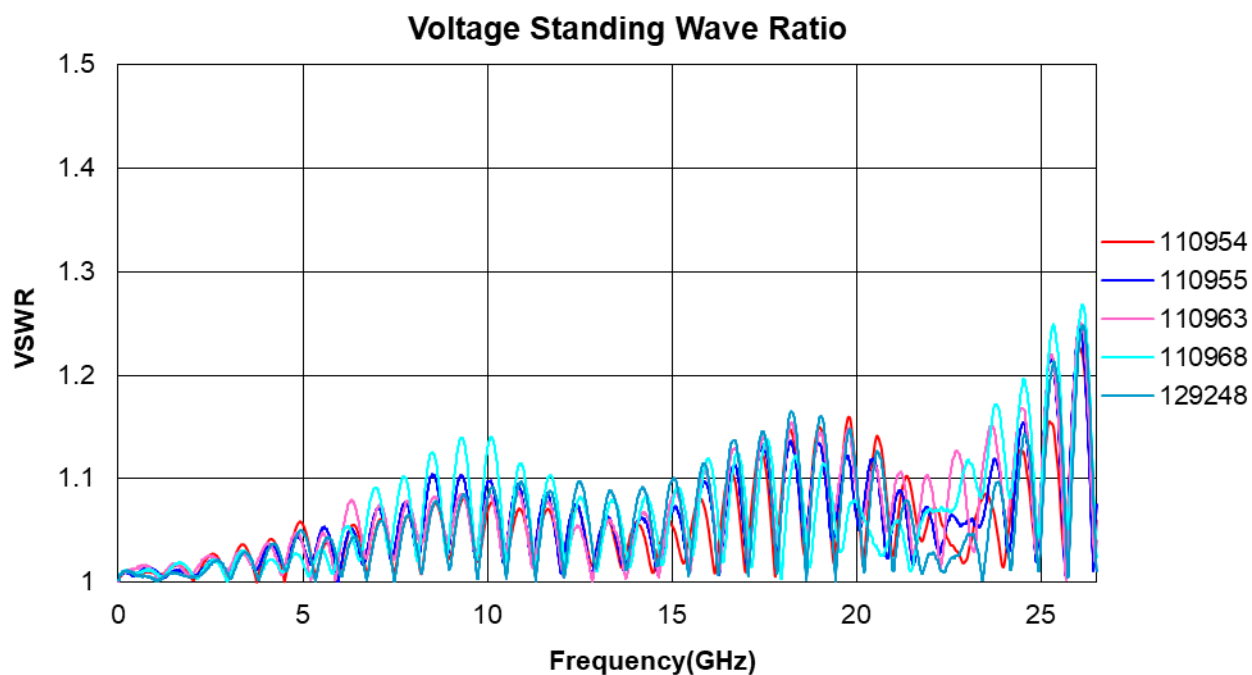
Series: RF23C

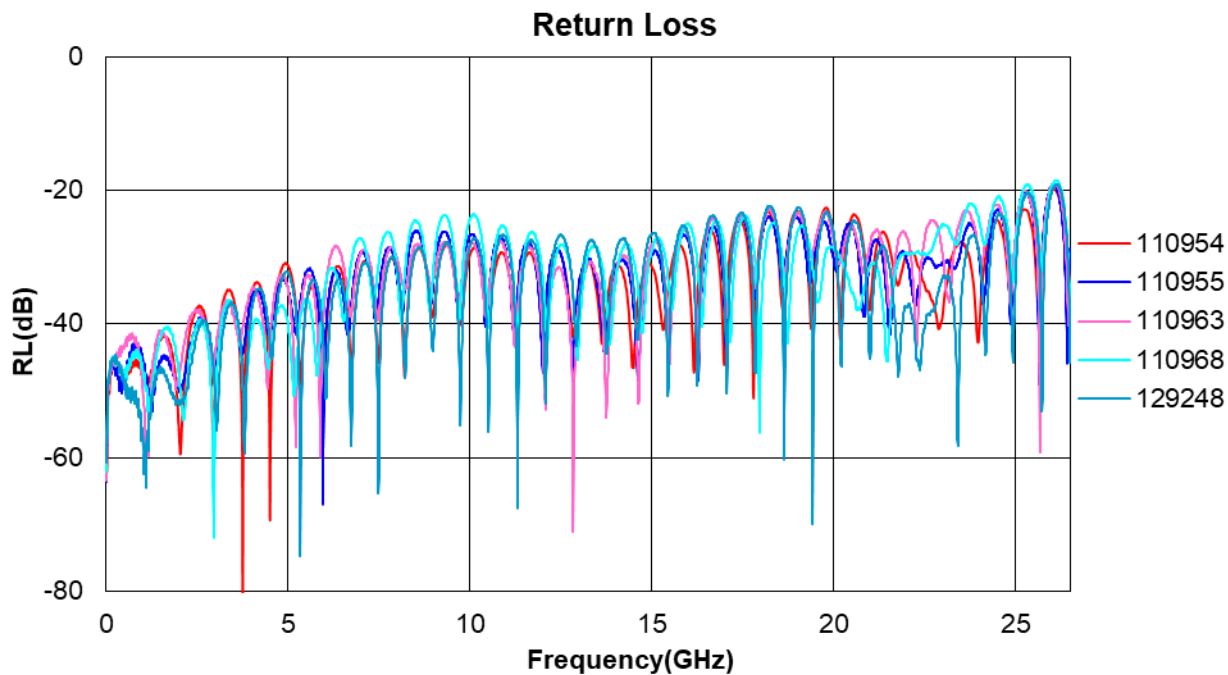
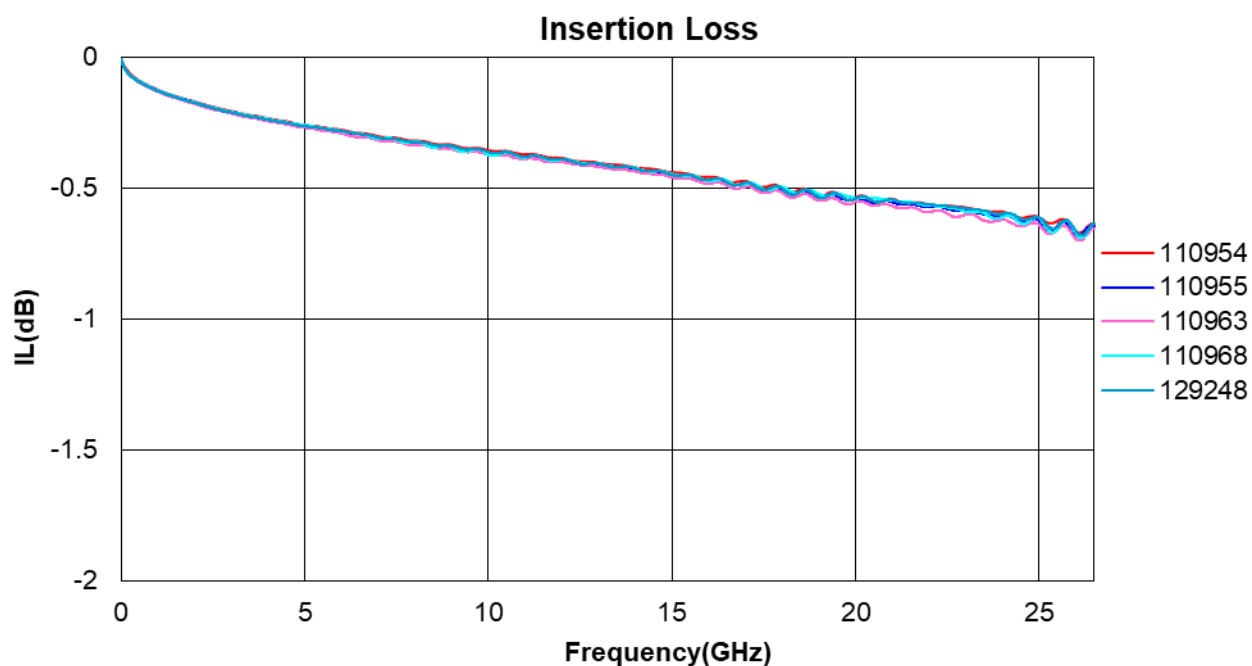
Description: High Performance Microwave Cable Assembly, SMA Connector End

Results: RF23C-01SB-01SB-0152

Description: RF23C High Frequency Microwave RF Cable Assembly			
Sample	SWR (max)	RL (max)	IL (min)
110954	1.23 @ 26.06 GHz	-19.86 dB @ 26.06 GHz	-0.67 dB @ 26.08 GHz
110955	1.25 @ 26.05 GHz	-19.23 dB @ 26.05 GHz	-0.69 dB @ 26.05 GHz
110963	1.25 @ 26.06 GHz	-19.07 dB @ 26.06 GHz	-0.70 dB @ 26.08 GHz
110968	1.27 @ 26.12 GHz	-18.52 dB @ 26.12 GHz	-0.69 dB @ 26.15 GHz
129248	1.25 @ 26.13 GHz	-19.13 dB @ 26.13 GHz	-0.68 dB @ 26.16 GHz

VSWR



Series: RF23C**Description:** High Performance Microwave Cable Assembly, SMA Connector EndReturn LossInsertion Loss

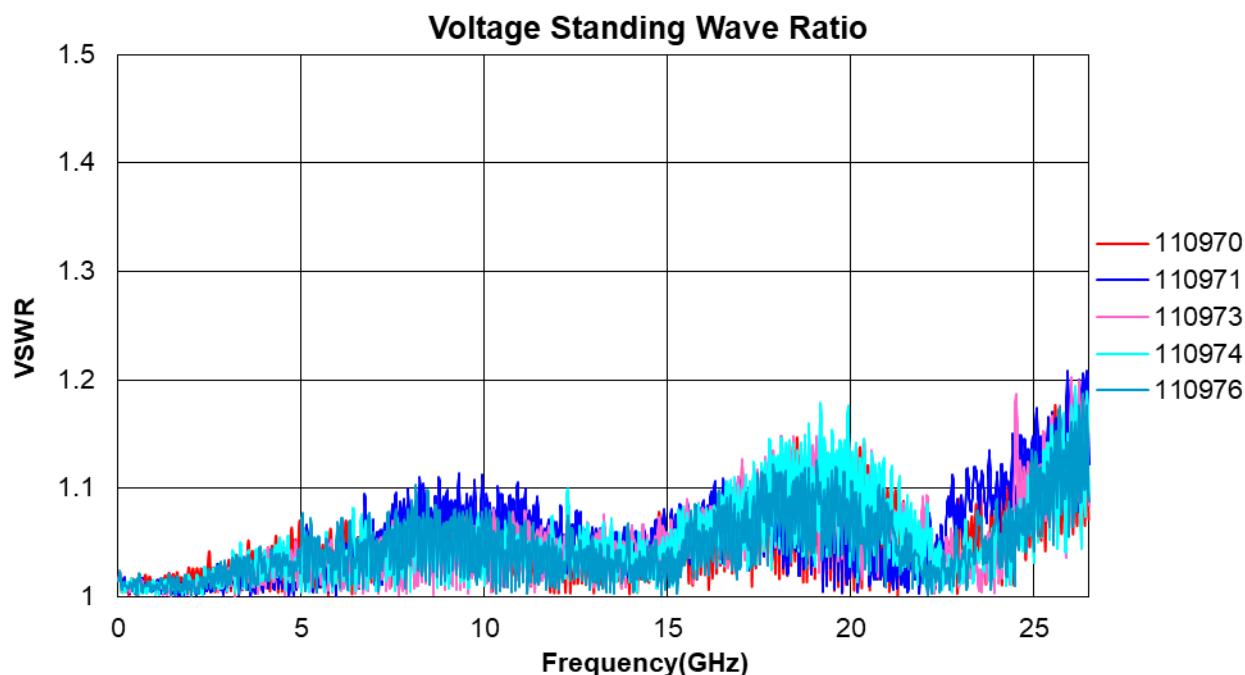
Series: RF23C

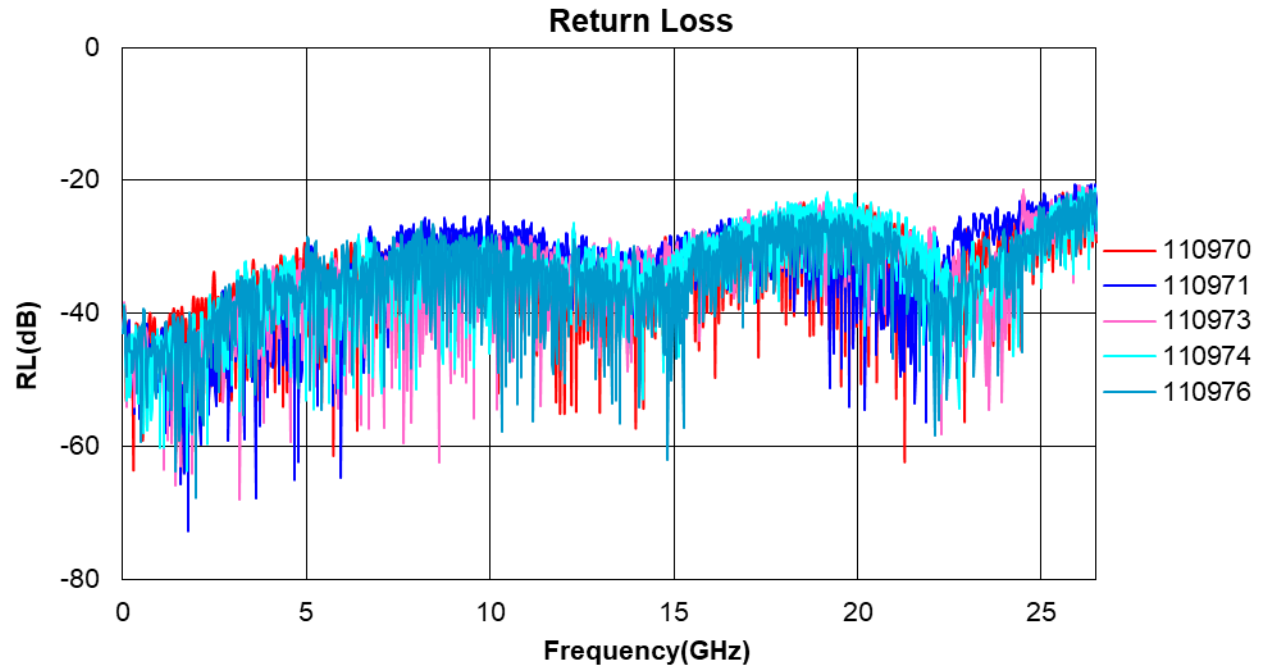
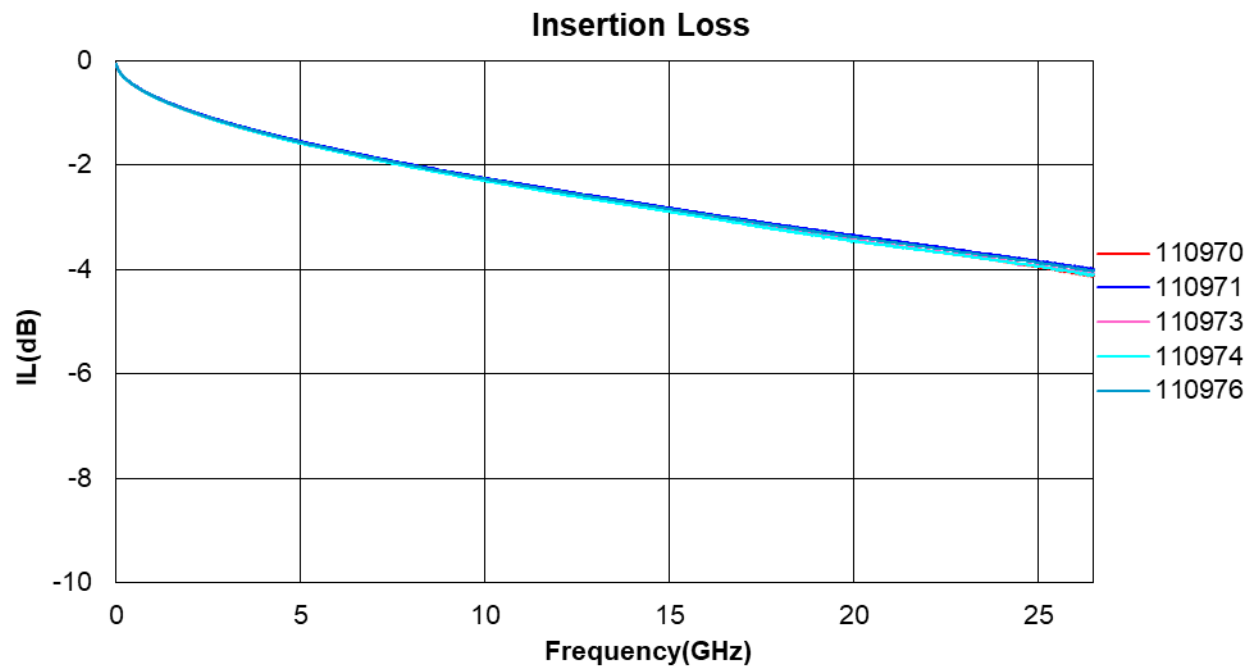
Description: High Performance Microwave Cable Assembly, SMA Connector End

Results: RF23C-01SB-01SB-1000

Description: RF23C High Frequency Microwave RF Cable Assembly			
Sample	SWR (max)	RL (max)	IL (min)
110970	1.18 @ 26.44 GHz	-21.56 dB @ 26.44 GHz	-4.14 dB @ 26.45 GHz
110971	1.21 @ 26.46 GHz	-20.52 dB @ 26.46 GHz	-4.01 dB @ 26.46 GHz
110973	1.20 @ 26.02 GHz	-20.73 dB @ 26.02 GHz	-4.09 dB @ 26.46 GHz
110974	1.19 @ 26.13 GHz	-21.04 dB @ 26.13 GHz	-4.12 dB @ 26.46 GHz
110976	1.19 @ 26.34 GHz	-21.35 dB @ 26.34 GHz	-4.03 dB @ 26.46 GHz

VSWR



Series: RF23C**Description:** High Performance Microwave Cable Assembly, SMA Connector EndReturn LossInsertion Loss

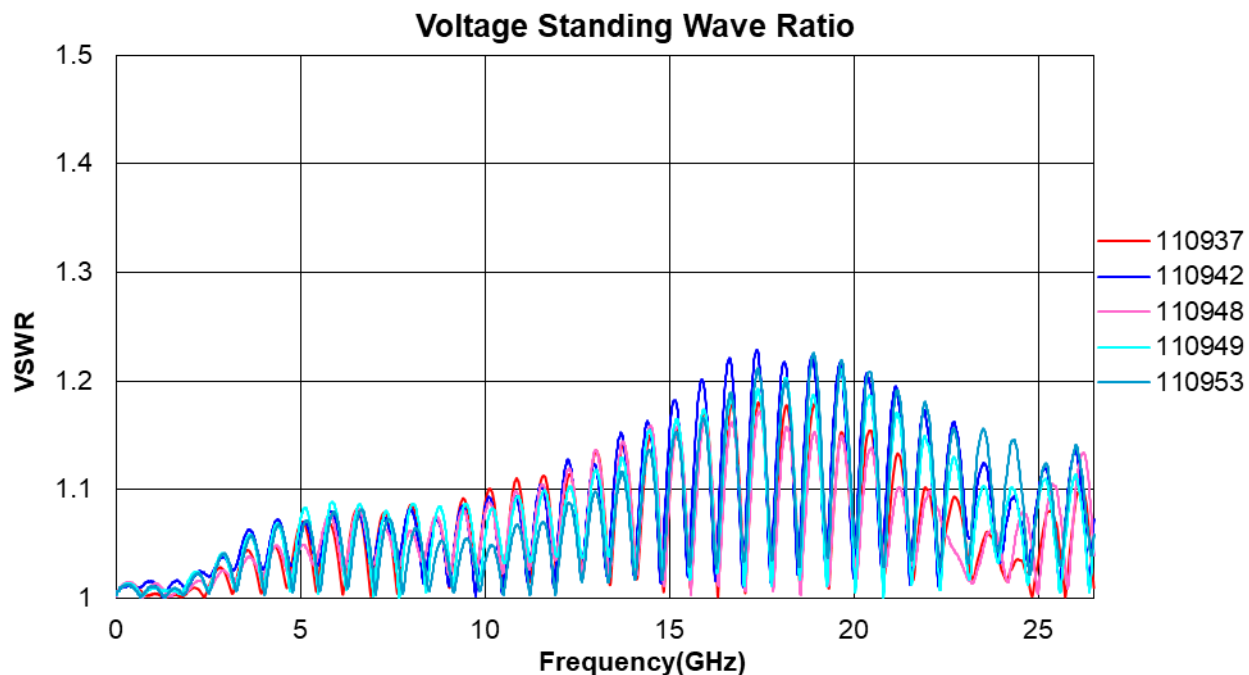
Series: RF23C

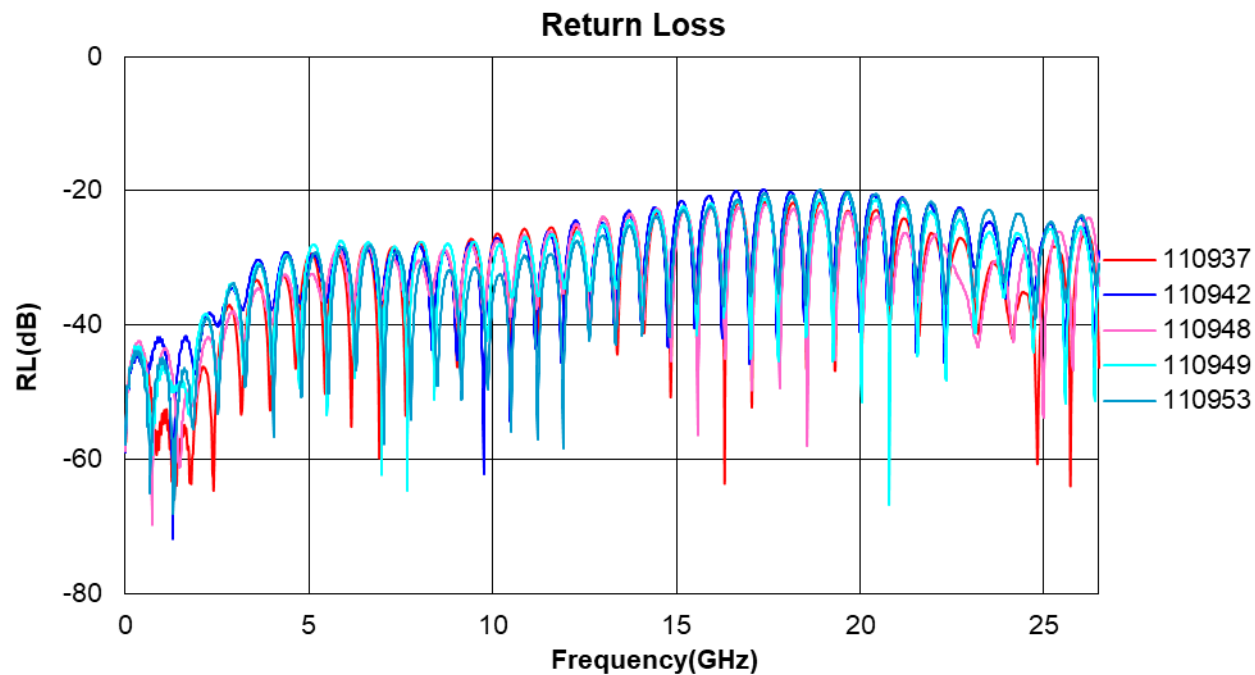
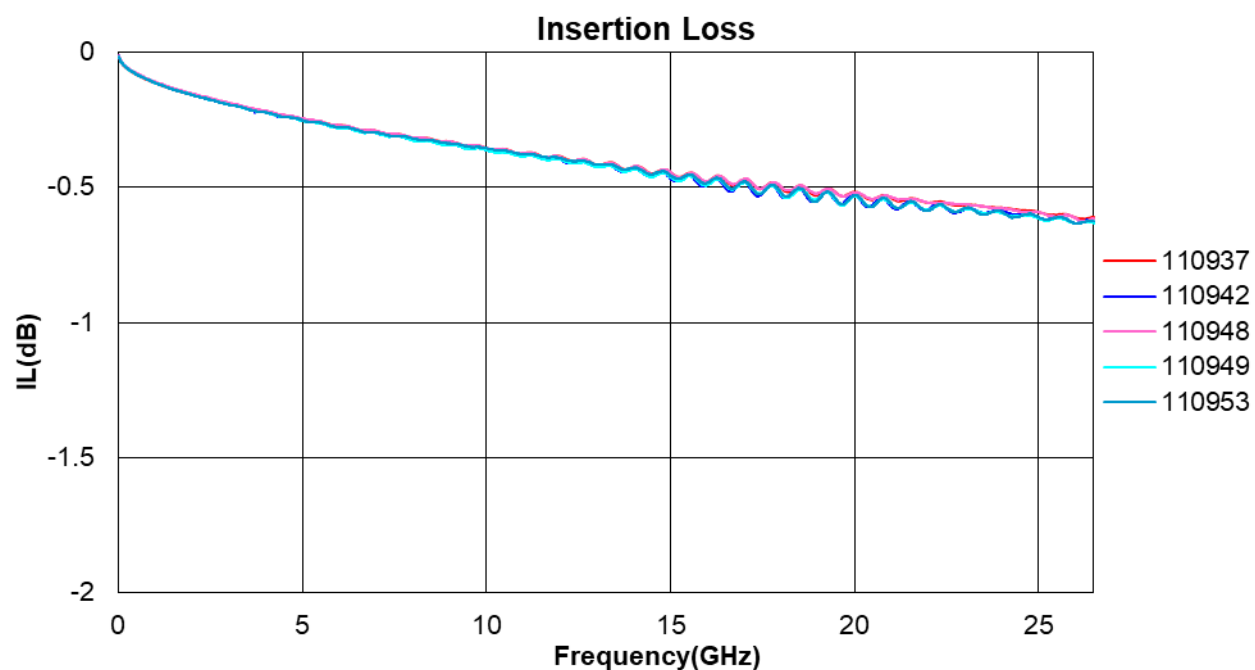
Description: High Performance Microwave Cable Assembly, SMA Connector End

Results: RF23C-01SP-01SP-0152

Description: RF23C High Frequency Microwave RF Cable Assembly			
Sample	SWR (max)	RL (max)	IL (min)
110937	1.18 @ 17.41 GHz	-21.64 dB @ 17.41 GHz	-0.61 dB @ 26.14 GHz
110942	1.23 @ 17.37 GHz	-19.77 dB @ 17.37 GHz	-0.63 dB @ 26.02 GHz
110948	1.17 @ 17.42 GHz	-22.04 dB @ 17.42 GHz	-0.63 dB @ 26.24 GHz
110949	1.21 @ 19.65 GHz	-20.40 dB @ 19.65 GHz	-0.63 dB @ 26.02 GHz
110953	1.23 @ 18.90 GHz	-19.88 dB @ 18.90 GHz	-0.63 dB @ 26.02 GHz

VSWR



Series: RF23C**Description:** High Performance Microwave Cable Assembly, SMA Connector EndReturn LossInsertion Loss

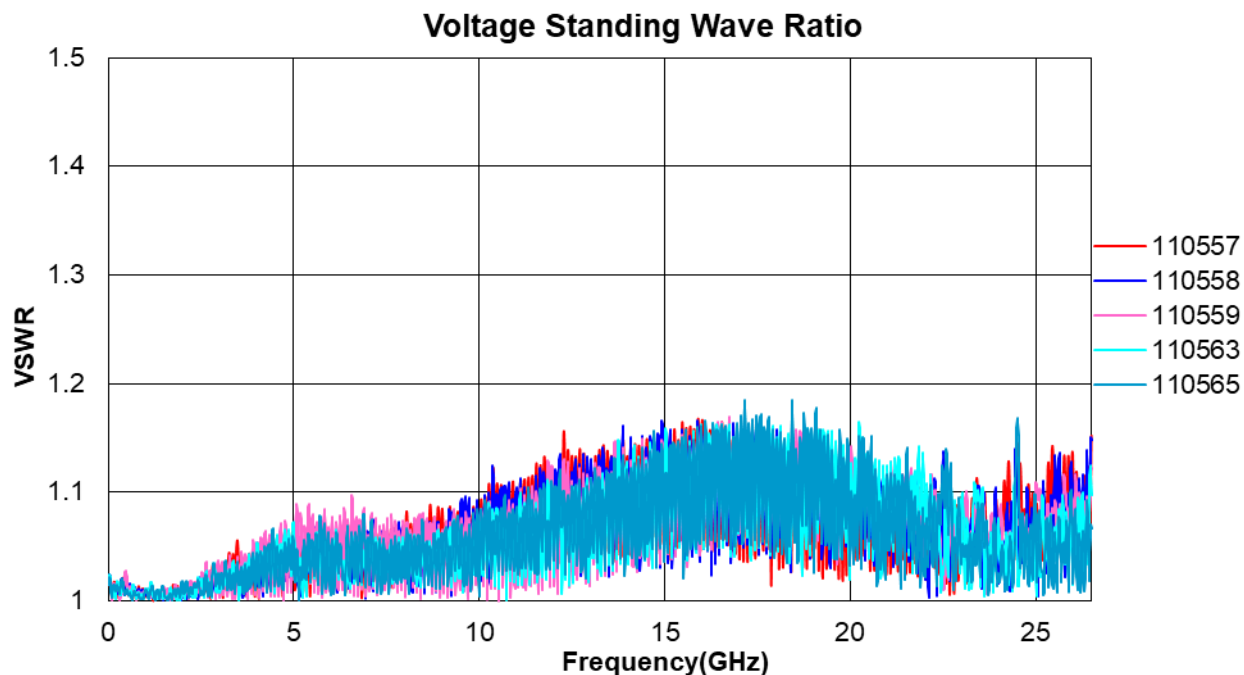
Series: RF23C

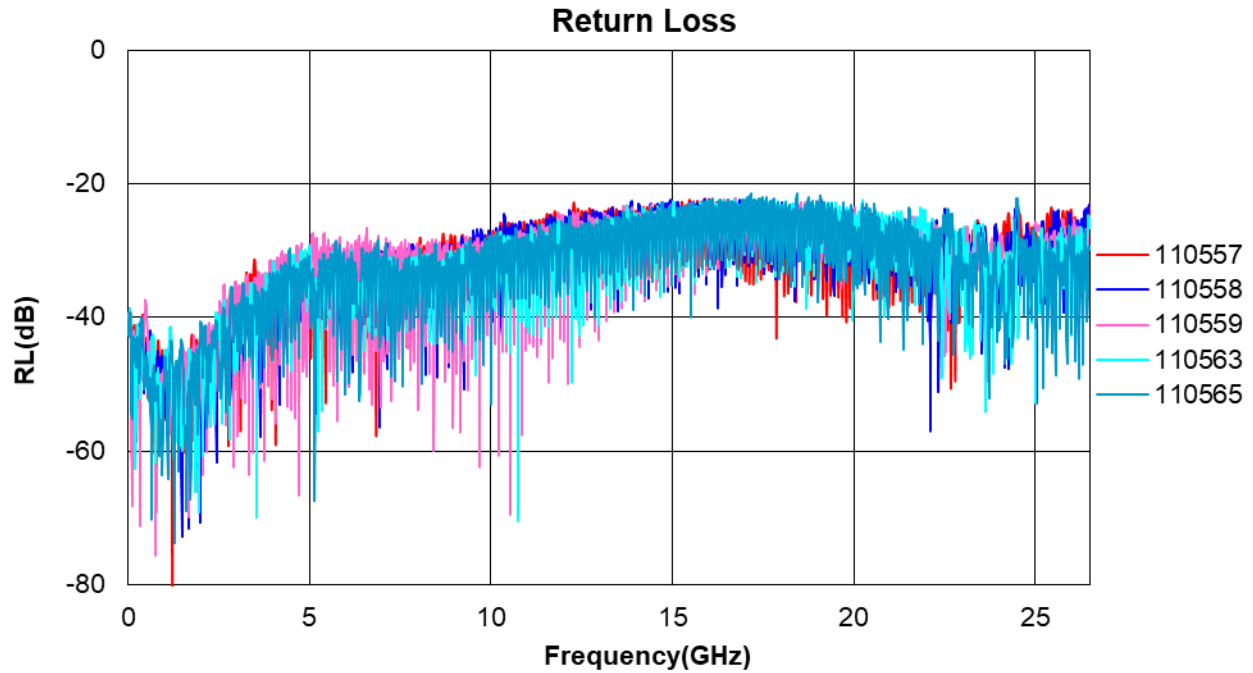
Description: High Performance Microwave Cable Assembly, SMA Connector End

Results: RF23C-01SP-01SP-1000

Description: RF23C High Frequency Microwave RF Cable Assembly			
Sample	SWR (max)	RL (max)	IL (min)
110557	1.17 @ 15.90 GHz	-22.23 dB @ 15.90 GHz	-3.98 dB @ 26.50 GHz
110558	1.17 @ 19.08 GHz	-21.91 dB @ 19.08 GHz	-3.96 dB @ 26.50 GHz
110559	1.17 @ 16.74 GHz	-22.13 dB @ 16.74 GHz	-3.96 dB @ 26.50 GHz
110563	1.17 @ 17.58 GHz	-22.15 dB @ 17.58 GHz	-3.99 dB @ 26.48 GHz
110565	1.19 @ 18.44 GHz	-21.44 dB @ 18.44 GHz	-3.95 dB @ 26.50 GHz

VSWR



Series: RF23C**Description:** High Performance Microwave Cable Assembly, SMA Connector EndReturn LossInsertion Loss