

CF01224-7/3

~40GHz



2.92-PS+2.92-PS

+MUA165SD

2.92mm PS MUA165SD

BO/SUS PI/Go/1.3 CAP/SUS

CF01224-7/3 1M

Frequency	
Insertion Loss	
VSWR	
Impedance	■ 50Ω □ 75Ω
Temperature	-40°C ~ 125°C

1M - S11/S22/S21
(SWR, SWR, dB)

■_1GHz/	1.02, 1.02, 0.38
■_5GHz/	1.02, 1.02, 0.87
■10GHz/	1.03, 1.03, 1.24
■15GHz/	1.01, 1.03, 1.52
■20GHz/	1.06, 1.06, 1.81
■25GHz/	1.02, 1.01, 2.03
■30GHz/	1.04, 1.06, 2.28
■35GHz/	1.06, 1.10, 2.58
■40GHz/	1.12, 1.12, 2.88
■Max/	1.16, 1.15, 2.92

► NETWORK ANALYZER

► Test cable

► Test Adaptor

□ E5071B (~8.5GHz)

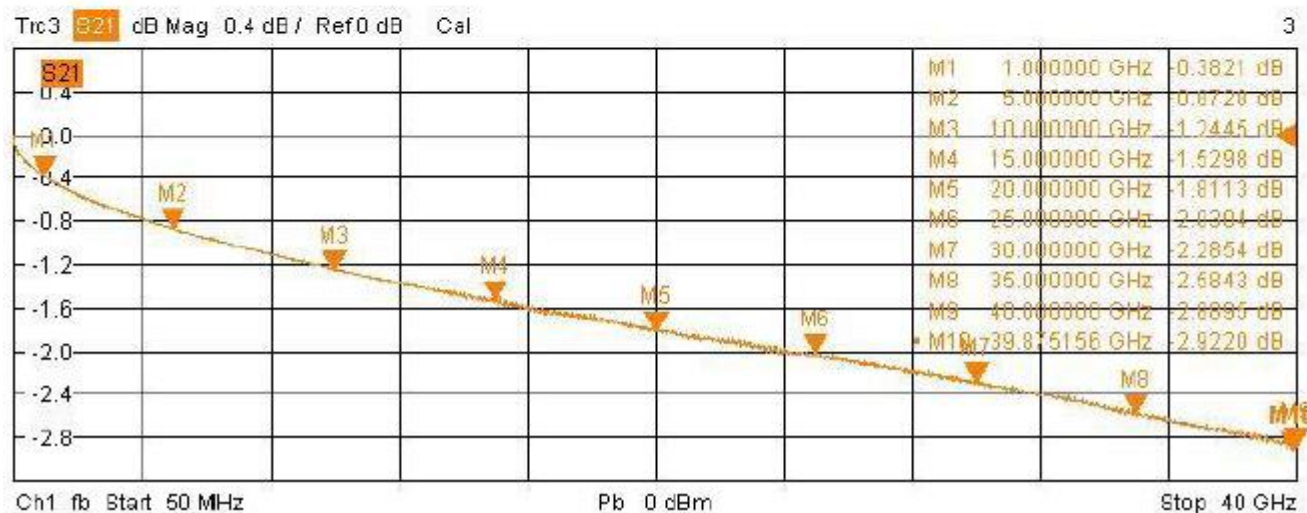
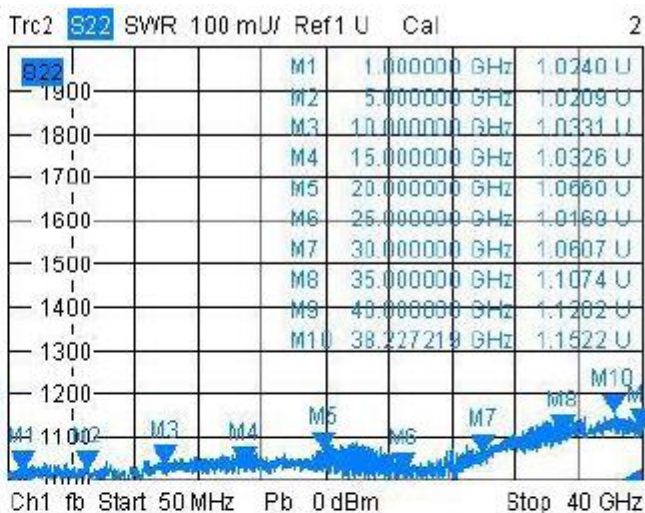
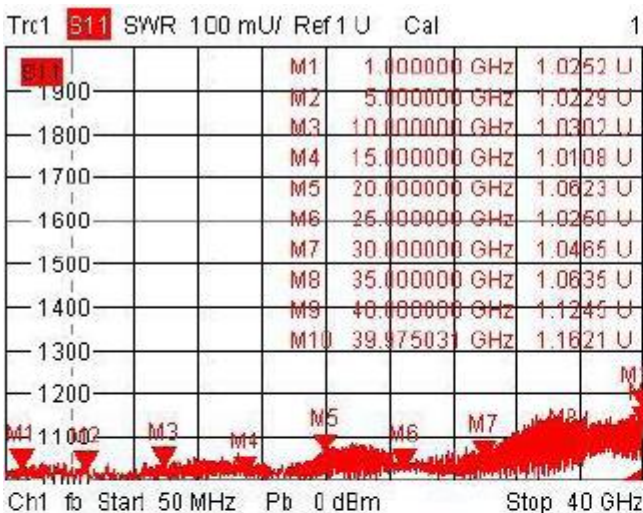
■ 2.4mm Male to 2.4mm Male

■ 2.4mm (J) to 2.92mm (J)

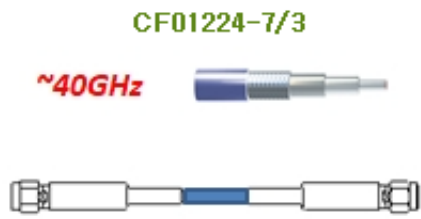
■ ZVA50 (~50GHz)

50GHz Cable

AD00666-7/1



TR1: IN PORT VSWR(S11), TR2: OUT PORT VSWR(S22), TR3: Insertion Loss (S21)



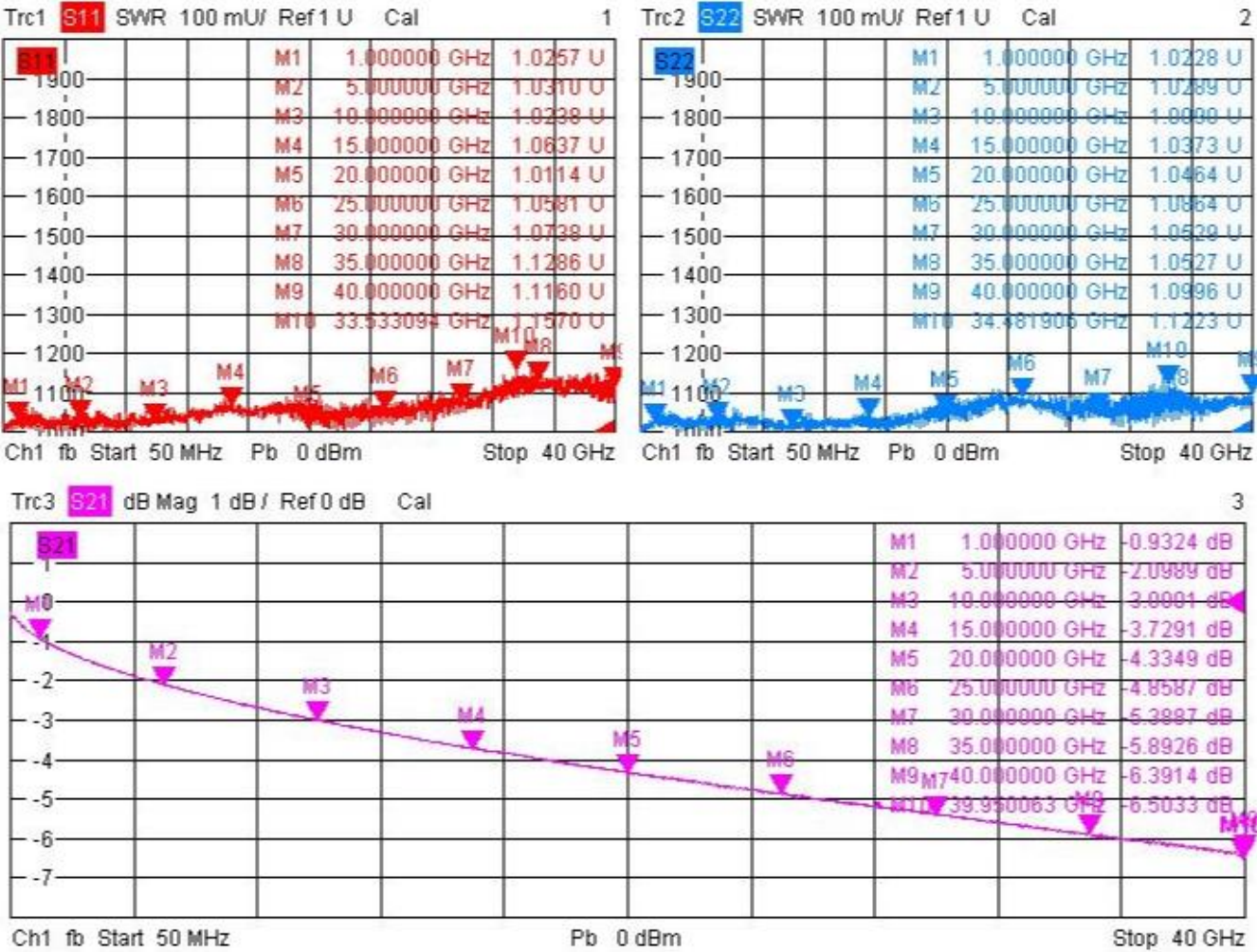
2.92-PS+2.92-PS
+MUA165SD
2.92mm PS MUA165SD
BO/SUS PI/Go/1.3 CAP/SUS

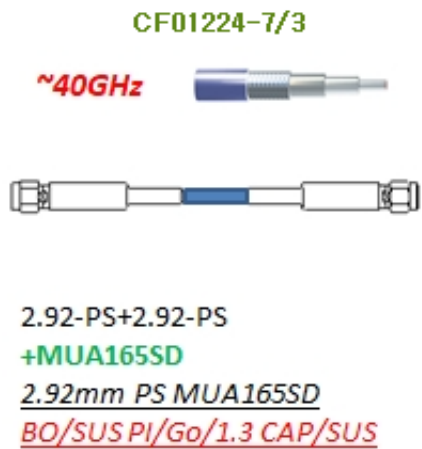
CF01224-7/3 2.54M	
Frequency	
Insertion Loss	
VSWR	
Impedance	■ 50Ω □ 75Ω
Temperature	-40°C ~ 125°C

2.54M - S11/S22/S21 (SWR, SWR, dB)	
■ _1GHz	1.02, 1.02, 0.93
■ _5GHz	1.03, 1.02, 2.09
■ 10GHz	1.02, 1.00, 3.00
■ 15GHz	1.06, 1.03, 3.72
■ 20GHz	1.01, 1.04, 4.33
■ 25GHz	1.05, 1.08, 4.85
■ 30GHz	1.07, 1.05, 5.38
■ 35GHz	1.12, 1.05, 5.89
■ 40GHz	1.11, 1.09, 6.39

- ▶ NETWORK ANALYZER
- ▶ Test cable
- ▶ Test Adaptor
- ☐ E5071B (~8.5GHz)
- ☒ ZVA50 (~50GHz)
- ☒ 2.4mm Male to 2.4mm Male 50GHz Cable
- ☒ 2.4mm (J) to 2.92mm (J) AD00666-7/1

TR1 : IN PORT VSWR(S11), TR2: OUT PORT VSWR(S22), TR3: Insertion Loss (S21)



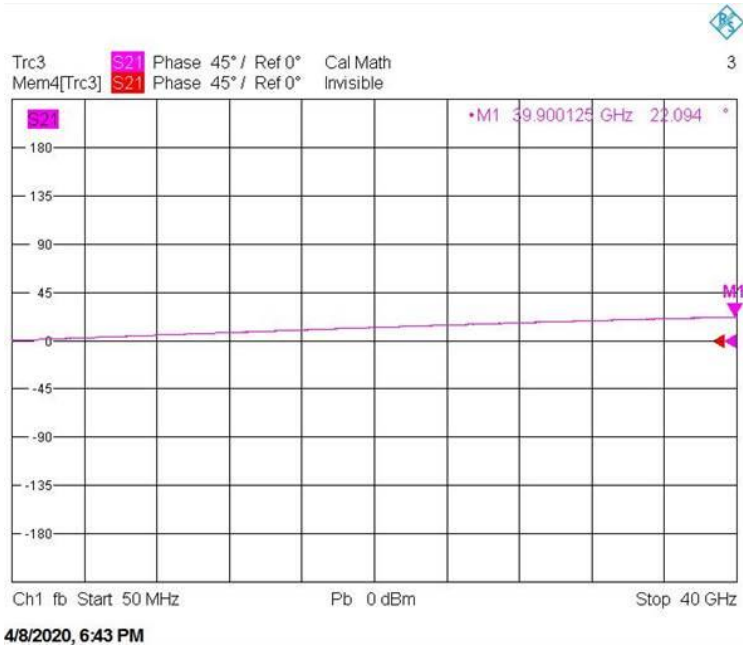


CF01224-7/3 2.54M	
Frequency	
Insertion Loss	
VSWR	
Impedance	■ 50Ω □ 75Ω
Temperature	-40°C ~ 125°C

Phase Stability vs. Flexible



1 Bending
6.4° /40GHz



3 Bending
22° /40GHz

TR1 : IN PORT VSWR(S11), TR2 : OUT PORT VSWR(S22), TR3: Insertion Loss (S21)