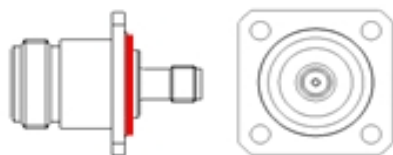


AD00031-7/4

AD00031-7/4

S11/S22/S21(SWR, SWR, dB)



N (J) SMA (J) 4 HOLE

□25.4-18.2-3.2

L:31mm(16.5-2-12.5)

BO/NI,PI/GO

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

■_0.5GHz -	1.05, 1.05, 0.03
■_1.0GHz -	1.07, 1.06, 0.03
■_2.0GHz -	1.07, 1.06, 0.10
■_3.0GHz -	1.07, 1.08, 0.12
■_4.0GHz -	1.01, 1.03, 0.17
■_5.0GHz -	1.14, 1.16, 0.26
■_6.0GHz -	1.15, 1.10, 0.26
■_7.0GHz -	1.05, 1.04, 0.23
■_8.0GHz -	
■_MaX_-	1.19, 1.17, 0.29

▶ NETWORK ANALYZER

▶ Test cable

▶ Test Adaptor

■ E5071B (~8.5GHz)

□ ZVA50 (~50GHz)

■ N Male to SMA Male

10GHz Cable (CF00540-7/1)

□ N Male to N Male

10GHz Cable (CF00539-7/1)

□ 2.4mm Female to 2.4mm Male

50GHz Cable (CF01252-7/1)

■ NP-SMAJ (Agilent)

□ 2.92mm (J) to 2.92mm(J)
AD00644-7/2

□ NJ-SMAJ AD00424-7/1

□ 2.4mm (J) to 2.92mm (P)
AD00646-7/2

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

AD00031-4

Tr1 S11 SWR 100.0m/ Ref 1.000 [F2]

1	500.00000	MHz	1.0556
2	1.0000000	GHz	1.0707
3	2.0000000	GHz	1.0727
4	3.0000000	GHz	1.0788
5	4.0000000	GHz	1.0147
6	5.0000000	GHz	1.1497
7	6.0000000	GHz	1.1508
8	7.0000000	GHz	1.0538
9	8.4150030	GHz	1.1972



▶ Tr2 S21 Log Mag 1.000dB/ Ref 0.000dB [F2]

1	500.00000	MHz	-0.0337	dB
2	1.0000000	GHz	-0.0336	dB
3	2.0000000	GHz	-0.1086	dB
4	3.0000000	GHz	-0.1260	dB
5	4.0000000	GHz	-0.1769	dB
6	5.0000000	GHz	-0.2607	dB
7	6.0000000	GHz	-0.2620	dB
8	7.0000000	GHz	-0.2386	dB
9	8.2475795	GHz	-0.2993	dB



Tr2 S22 SWR 100.0m/ Ref 1.000 [F2]

1	500.00000	MHz	1.0513
2	1.0000000	GHz	1.0629
3	2.0000000	GHz	1.0642
4	3.0000000	GHz	1.0857
5	4.0000000	GHz	1.0312
6	5.0000000	GHz	1.1665
7	6.0000000	GHz	1.1099
8	7.0000000	GHz	1.0428
9	8.2875075	GHz	1.1785



1 Start 300 kHz

IFBW 70 kHz

Stop 8.5 GHz

Cor

Meas

Stop

ExtRef

Ready

Svc

2019-10-17 14:50

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