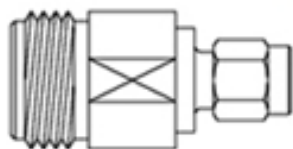


AD00423-7/2

PIMD



N (J) SMA (P)

ST L:30mm

BO/SU/3, PI/SI/7, CAP/NI

AD00423-7/2

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

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

■_0.5GHz	- 1.02, 1.02, 0.04
■_1.0GHz	- 1.01, 1.01, 0.03
■_2.0GHz	- 1.04, 1.05, 0.08
■_3.0GHz	- 1.04, 1.01, 0.11
■_4.0GHz	- 1.08, 1.10, 0.17
■_5.0GHz	- 1.19, 1.13, 0.26

■_6.0GHz	- 1.05, 1.27, 0.63
■_7.0GHz	- 1.26, 1.12, 0.45
■_8.0GHz	-
■_MaX___	- 1.35, 1.36, 0.07

► NETWORK ANALYZER

■ E5071B (~8.5GHz)

□ ZVA50 (~50GHz)

► Test cable

■ 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)

► Test Adaptor

■ 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

AD00423-2

Tr1 S11 SWR 100.0m/ Ref 1.000 [F2]

1	500.00000	MHz	1.0266
2	1.0000000	GHz	1.0188
3	2.0000000	GHz	1.0441
4	3.0000000	GHz	1.0422
5	4.0000000	GHz	1.0853
6	5.0000000	GHz	1.1991
7	6.0000000	GHz	1.0590
8	7.0000000	GHz	1.2652
9	7.3950390	GHz	1.3532

Tr2 S22 SWR 100.0m/ Ref 1.000 [F2]

1	500.00000	MHz	1.0254
2	1.0000000	GHz	1.0185
3	2.0000000	GHz	1.0512
4	3.0000000	GHz	1.0132
5	4.0000000	GHz	1.1077
6	5.0000000	GHz	1.1339
7	6.0000000	GHz	1.2714
8	7.0000000	GHz	1.1229
9	6.3325765	GHz	1.3637

Tr3 S21 Log Mag 1.000dB/ Ref 0.000dB [F2]

1	500.00000	MHz	-0.0460	dB
2	1.0000000	GHz	-0.0394	dB
3	2.0000000	GHz	-0.0878	dB
4	3.0000000	GHz	-0.1174	dB
5	4.0000000	GHz	-0.1788	dB
6	5.0000000	GHz	-0.2644	dB
7	6.0000000	GHz	-0.6336	dB
8	7.0000000	GHz	-0.4564	dB
9	6.1625825	GHz	-0.7135	dB

1 Start 300 kHz

IFBW 70 kHz

Stop 8.5 GHz

Cor

Meas

Stop

ExtRef

Ready

Svc

2019-10-17 15:41

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