

Product features

High cost performance stable amplitude and phase cable components.

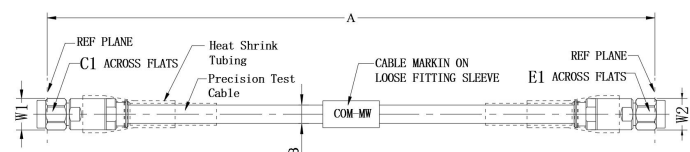
Main specifications

Items	Frequency (G)	Min	Type	Max	Units
Frequency		DC	~	26.5	GHz
IL	DC-6		1.86	2.31	dB
IL	6-12		3.02	3.73	dB
IL	12-18		3.81	4.20	dB
IL	18-26.5		4.25	4.49	dB
VSWR	DC-6		1.04	1.35	
VSWR	6-12		1.07	1.35	
VSWR	12-18		1.11	1.35	
VSWR	18-26.5		1.20	1.38	

Other parameters

Cable category	Stable amplitude and phase cable
Length	3000mm
Connector 1	SMA-M Stainless steel
Connector 2	SMA-M Stainless steel
Impedance	50Ω
Operation Temp.	-40~+65°C Design assurance
Storage Temp.	-40~+65°C Design assurance

Configuration



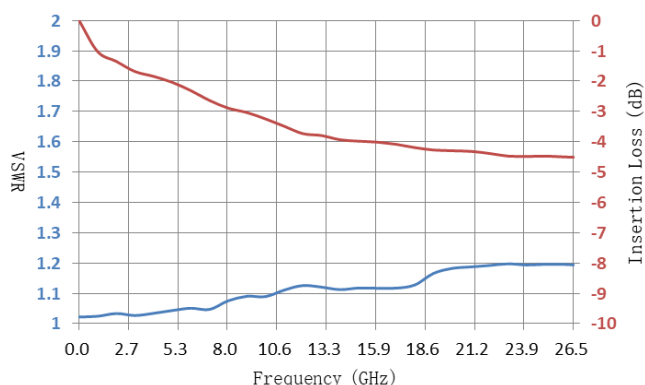
Reference picture



Typical test data

F (MHz)	IL (dB)	Input VSWR	Output VSWR
100	0.02	1.02	1.01
1000	1.01	1.03	1.02
2500	1.38	1.04	1.03
4000	1.86	1.04	1.05
5000	2.04	1.05	1.06
6000	2.31	1.05	1.06
7000	2.62	1.05	1.07
8000	2.91	1.07	1.08
9000	3.02	1.09	1.08
10000	3.26	1.09	1.10
12000	3.73	1.12	1.11
15000	3.96	1.11	1.13
18000	4.20	1.13	1.15
20000	4.29	1.18	1.16
26500	4.49	1.20	1.19

Typical test curve



Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

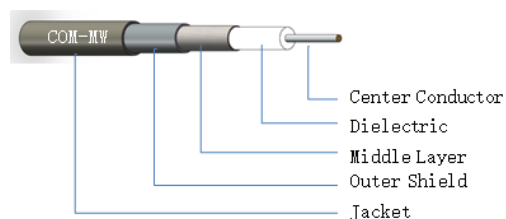
COM-MW TECHNOLOGY

DC~26.5GHz, Stable amplitude and phase, 3000mm, SMA-J, SMA-J

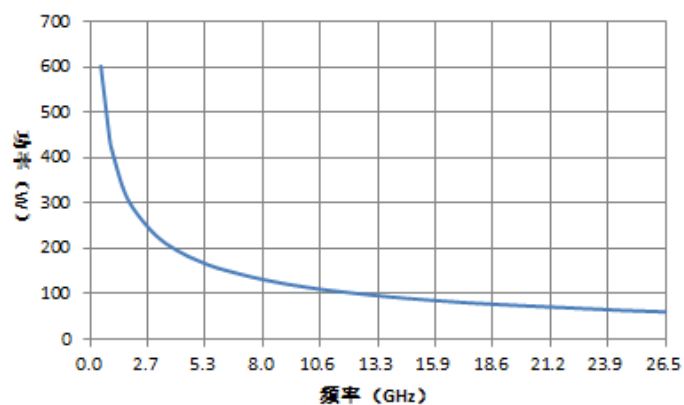
Overall dimensions (mm)

A	3000	mm	C1	8.0	mm
B	5.2	mm	E1	8.0	mm
T	70	mm	W1	8.9	mm
			W2	8.9	mm

Cable structure diagram



Type power curve



Note

- 1 Suggested installation radius greater than 36mm

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