

Product features

High cost performance semi flexible cable components.

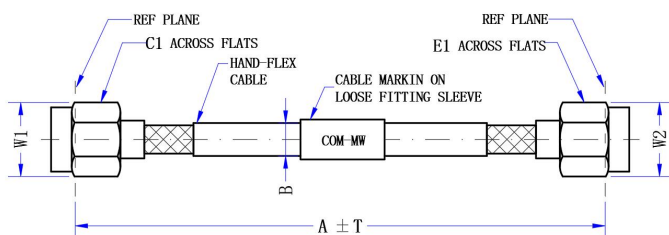
Main specifications

Items	Frequency (G)	Min	Type	Max	Units
Frequency		DC	~	26.5	GHz
IL	DC-6		0.47	0.69	dB
IL	6-12		0.79	0.98	dB
IL	12-18		1.14	1.28	dB
IL	18-26.5		1.37	1.63	dB
VSWR	DC-6		1.03	1.15	dB
VSWR	6-12		1.07	1.15	dB
VSWR	12-18		1.11	1.33	dB
VSWR	18-26.5		1.21	1.33	dB

Other parameters

Cable category	Hand-Flex Cable
Length	460mm
Connector 1	SMA-M Stainless steel
Connector 2	SMA-M Stainless steel
Impedance	50Ω
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-40~+85°C Design assurance

Configuration



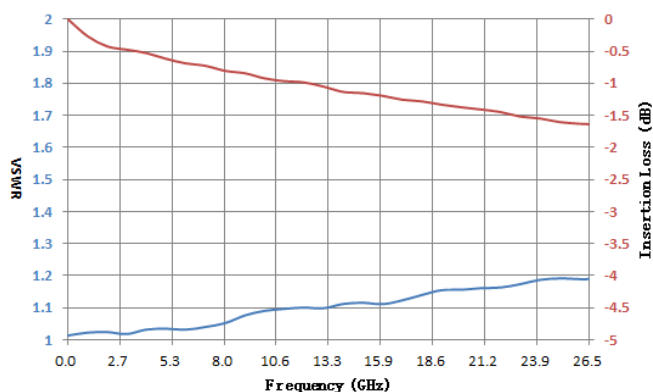
Reference picture



Typical test data

Frequency	IL	Input VSWR	Output VSWR
100	0.08	1.01	1.01
1000	0.27	1.02	1.02
2500	0.43	1.02	1.03
4000	0.53	1.03	1.02
5000	0.62	1.03	1.04
6000	0.69	1.04	1.04
7000	0.73	1.05	1.06
8000	0.80	1.06	1.07
9000	0.84	1.07	1.09
10000	0.92	1.10	1.10
12000	0.98	1.11	1.12
15000	1.15	1.12	1.14
18000	1.28	1.14	1.15
20000	1.37	1.16	1.18
26500	1.63	1.20	1.21

Typical test curve

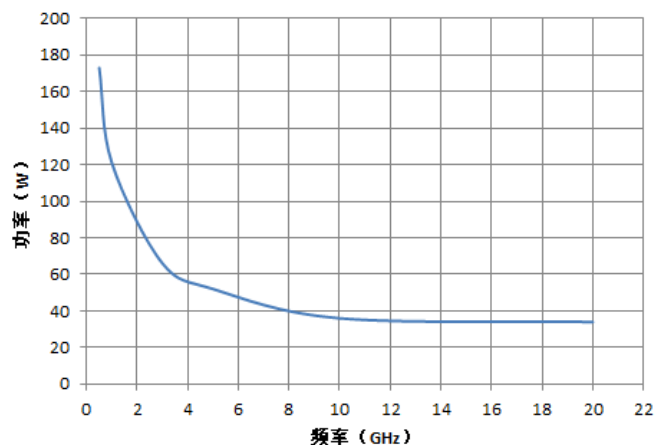


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Overall dimensions (mm)

A	460	mm	C1	8.0	mm
B	4.2	mm	E1	8.0	mm
T	3.6	mm	W1	8.9	mm
			W2	8.9	mm

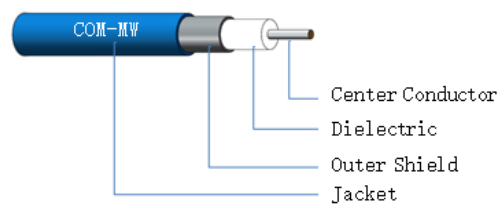
Type power curve



Coaxial Cable DCA8-SM460SM4.2-781

DC~26.5GHz, Semi flexible, 460mm, SMA-J, SMA-J

Cable structure diagram



Note

- 1 Suggested installation radius greater than 10mm