

Product features

High cost performance semi flexible cable components.

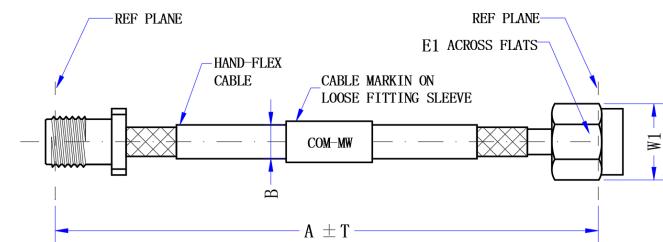
Main specifications

Items	Frequency (G)	Min	Type	Max	Units
Frequency	DC-18	DC	~	18	GHz
IL	DC-18		1.25	1.41	dB
VSWR	DC-6		1.02	1.15	dB
VSWR	6-12		1.09	1.15	dB
VSWR	12-18		1.15	1.33	dB

Other parameters

Cable category	Hand-Flex Cable
Length	500mm
Connector 1	SMA-J Stainless steel
Connector 2	SMA-K
Impedance	50Ω
Work Temp.	-40~+85°C Design assurance
Storage Temp.	-40~+85°C Design assurance

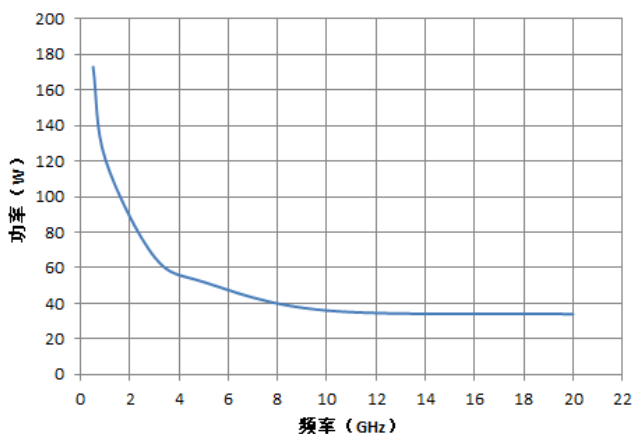
Configuration



Overall dimensions (mm)

A	500	mm	E1	8.0	mm
B	4.2	mm	W1	8.9	mm
T	4	mm			

Type power curve



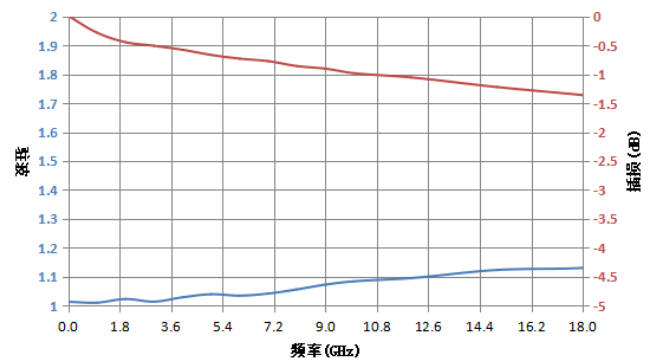
Reference picture



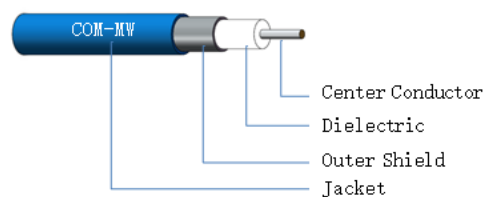
Typical test data

Frequency	IL	Input VSWR	Output VSWR
100	0.29	1.01	1.01
1000	0.45	1.02	1.01
2500	0.50	1.03	1.02
4000	0.61	1.03	1.03
5000	0.66	1.04	1.05
6000	0.74	1.05	1.05
7000	0.78	1.06	1.05
8000	0.85	1.05	1.06
9000	0.90	1.08	1.09
10000	0.98	1.10	1.10
12000	1.04	1.10	1.12
15000	1.22	1.12	1.14
18000	1.36	1.14	1.15

Typical test curve



Cable structure diagram



Note

- Suggested installation radius greater than 10mm

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