

Product features

High cost performance semi flexible cable components.

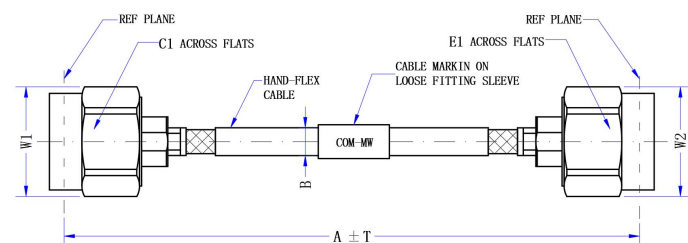
Main specifications

Items	Frequency (G)	Min	Type	Max	Units
Frequency		DC	~	18	GHz
IL	DC-2		3.01	4.37	dB
IL	2-6		8.95	10.46	dB
IL	6-12		17.72	19.17	dB
IL	12-18		25.45	27.58	dB
VSWR	DC-2		1.06	1.15	
VSWR	2-6		1.09	1.15	
VSWR	6-12		1.13	1.33	
VSWR	12-18		1.22	1.33	

Other parameters

Cable category	Hand-Flex Cable
Length	10000mm
Connector 1	N-M Stainless steel
Connector 2	N-M Stainless steel
Impedance	50Ω
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-40~+85°C Design assurance

Configuration



Overall dimensions (mm)

A	10000	mm	C1	20.0	mm
B	4.2	mm	E1	20.0	mm
T	90	mm	W1	21.4	mm
			W2	21.4	mm

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

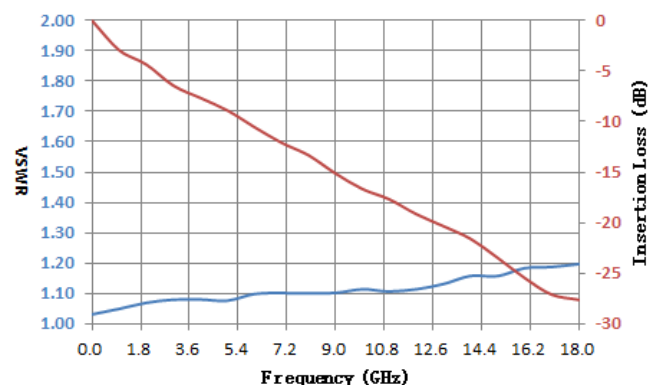
Reference picture



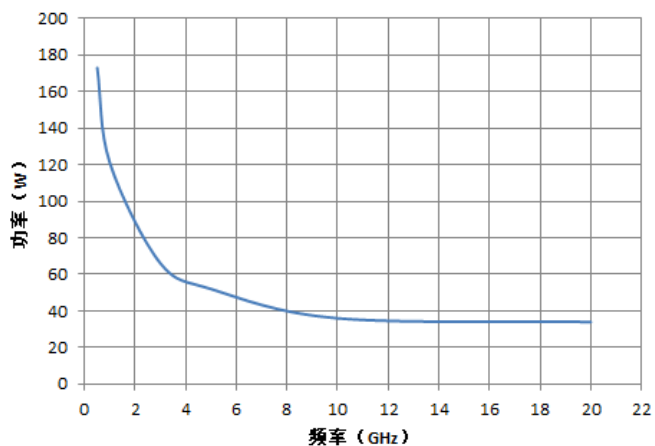
Typical test data

F (MHz)	IL (dB)	Input VSWR	Output VSWR
100	0.05	1.03	1.02
1000	3.01	1.04	1.03
1500	4.37	1.06	1.03
2500	6.51	1.07	1.05
4000	7.69	1.07	1.06
5000	8.95	1.10	1.09
6000	10.46	1.10	1.11
7000	12.09	1.09	1.11
8000	13.26	1.09	1.12
9000	15.11	1.09	1.13
10000	16.67	1.11	1.15
12000	19.17	1.12	1.18
14000	21.70	1.14	1.20
16000	25.45	1.18	1.21
18000	27.58	1.22	1.23

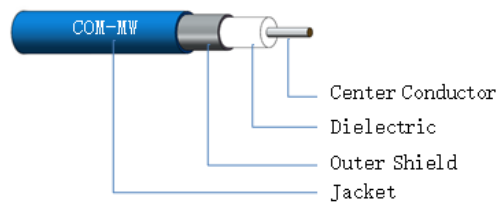
Typical test curve



Type power curve



Cable structure diagram



Note

- 1 Suggested installation radius greater than 10mm