

Product features

High cost performance stable amplitude and phase cable components.

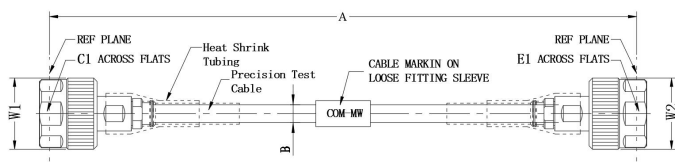
Main specifications

Items	Frequency (G)	Min	Type	Max	Units
Frequency		DC	~	18	GHz
IL	DC-2		0.21	0.33	dB
IL	2-6		0.50	0.63	dB
IL	6-12		0.71	0.88	dB
IL	12-18		0.95	1.03	dB
VSWR	DC-2		1.04	1.38	
VSWR	2-6		1.08	1.38	
VSWR	6-12		1.13	1.38	
VSWR	12-18		1.20	1.38	

Other parameters

Cable category	Stable amplitude and phase cable
Length	500mm
Connector 1	N-M Stainless steel
Connector 2	N-M Stainless steel
Impedance	50Ω
Operation Temp.	-40~+65°C Design assurance
Storage Temp.	-40~+65°C Design assurance

Configuration



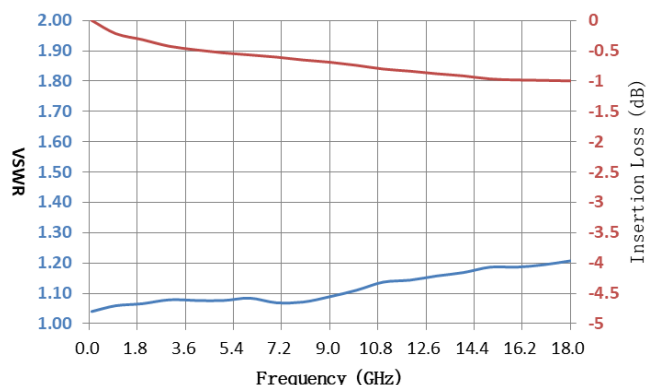
Reference picture



Typical test data

F (MHz)	IL (dB)	Input VSWR	Output VSWR
100	0.01	1.04	1.02
1000	0.21	1.06	1.03
1500	0.32	1.07	1.04
2500	0.43	1.08	1.05
4000	0.49	1.07	1.06
5000	0.53	1.08	1.07
6000	0.57	1.09	1.08
7000	0.60	1.08	1.09
8000	0.65	1.10	1.10
9000	0.69	1.10	1.11
10000	0.74	1.11	1.10
12000	0.83	1.13	1.12
14000	0.91	1.17	1.14
16000	0.97	1.19	1.16
18000	1.00	1.20	1.18

Typical test curve

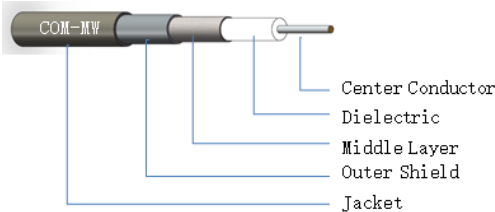


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

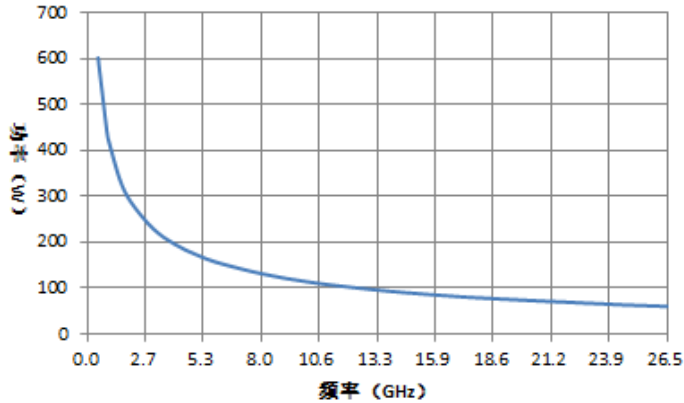
Overall dimensions (mm)

A	500	mm	C1	20	mm
B	5.2	mm	E1	20	mm
T	12	mm	W1	21.4	mm
			W2	21.4	mm

Cable structure diagram



Type power curve



Note

- 1 Suggested installation radius greater than 36mm