

Main specifications

Items	Frequency (G)	Min	Typical	Max	Units
Frequency		DC	~	40	GHz
IL				4.54	dB
VSWR			1.20	1.35	

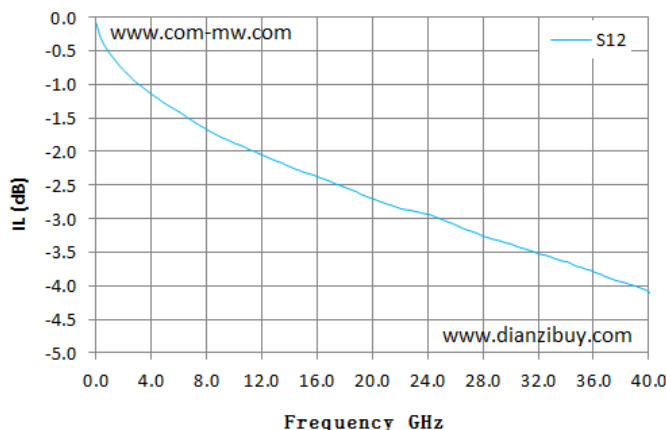
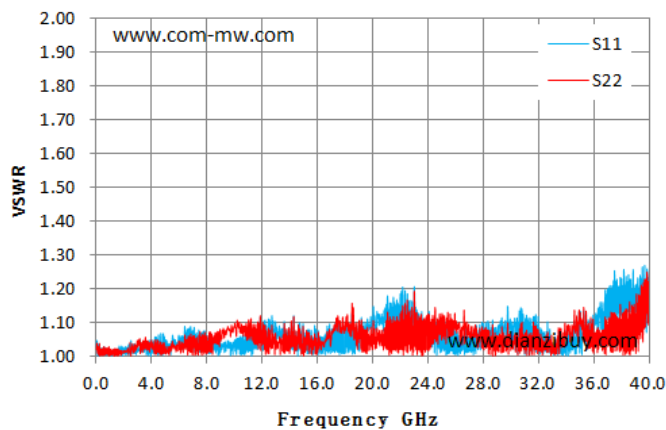
Reference picture



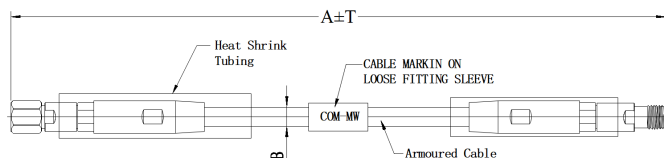
Other parameters

Cable category	LL Phase Stable
Length	1500mm
Connector 1	2.92-M or J
Connector 2	2.92-F or K
Armor categories	weave armor
Impedance	50Ω
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade
ROHS	Compliant

Typical test curve



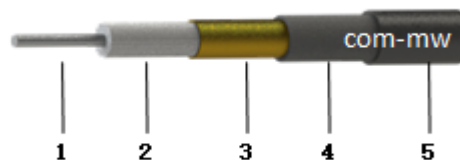
Configuration



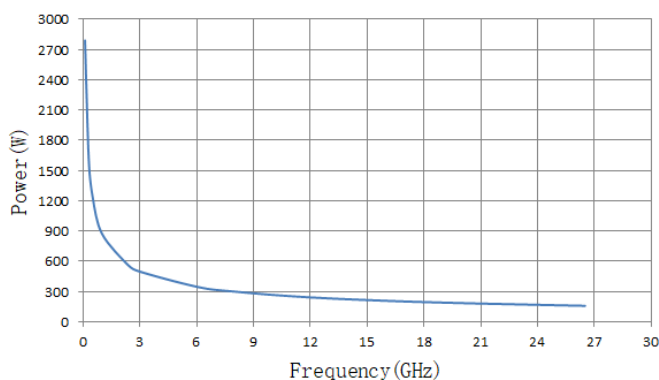
Overall dimensions (mm)

A	1500	mm
B	6.3	mm
T	20	mm

Cable structure diagram



Type power curve



Note

Static turning radius	32mm
Dynamic conversion to radius	63mm

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

Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S12 IL (dB)
0.01	1.03	1.02	-0.08
2.86	1.03	1.02	-0.96
5.71	1.05	1.03	-1.37
8.57	1.02	1.04	-1.73
11.43	1.06	1.08	-1.99
14.29	1.12	1.12	-2.25
17.14	1.08	1.08	-2.46
20.00	1.08	1.03	-2.70
22.86	1.16	1.14	-2.88
25.71	1.07	1.11	-3.07
28.57	1.08	1.02	-3.30
31.43	1.07	1.04	-3.47
34.29	1.04	1.05	-3.66
37.14	1.13	1.04	-3.88
40.00	1.15	1.13	-4.09

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