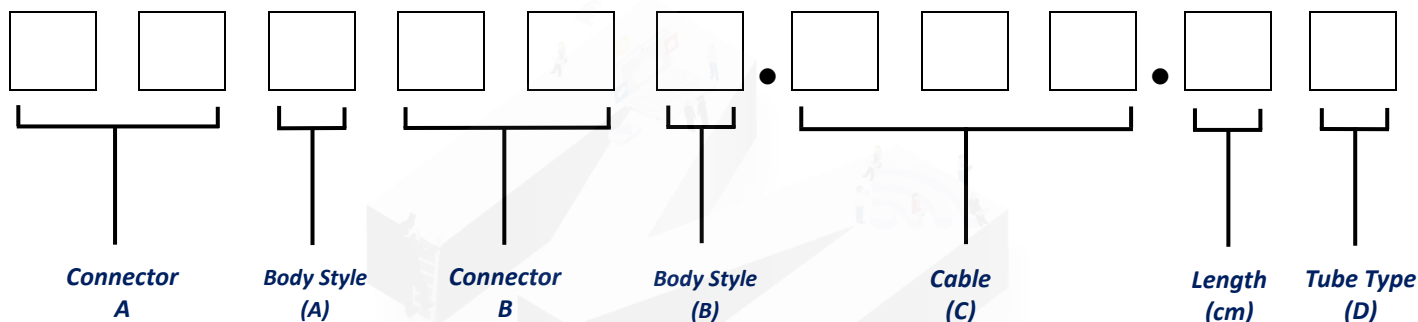




STANDARD COAXIAL CABLE ASSEMBLIES

MVE standard coaxial cable can provide not only inexpensive cost but also a lot of variety models to meet your needs. The overall diameter of flexible series is including, 2.59mm(RG316) , 2.93mm(RG316 Double Shielding), 0.085inch(F085/SS405), 0.141inch(F141/SS402); Semi-flex series are including: 0.085 inch(SF085/RG405), 0.141inch(SF141/RG402); Semi-rigid series are including: 0.034inch(SR034), 0.047 inch(SR047);0.085 inch(SR085); 0.141inch (SR141). In the meantime, MVE can offer customized services and support the optimization of cable assembly. With MVE service, customize product to let user easy to install. MVE is aimed to provide a wide range of performance coaxial cable for various demands.



No	Conn. A/B
10	1.85mm-M
11	1.85mm-F
12	2.4mm-M
13	2.4mm-F
14	2.9mm-M
15	2.9mm-F
16	3.5mm-M
17	3.5mm-F
18	APC7-M
19	APC7-F
20	BNC-M
21	BNC-F
22	MCX-M
23	MCX-F
24	MMCX-M
25	MMCX-F
26	N-M
27	N-F
28	SMA-M
29	SMA-F
30	SSMA-M
31	SSMA-F
32	TNC-M
33	TNC-F
34	MHF202781-M

No	Conn. A/B
35	75ΩBNC-M
36	75ΩBNC -F
37	MHF20311-M
38	75ΩF-M
39	75ΩF-F
40	MHF20367-M
41	MHF20448-M
42	75ΩN-M
43	75ΩN-F
44	75ΩSMB-M
45	75ΩSMB-F
46	MS147-M
47	MM8430-M
48	SMP-F
49	MHF20428-M
50	SMB-F
51	SMB-M
52	UHF-F
53	UHF-M
54	Fakra SMB-M
55	Fakra SMB-F
56	MM8030-M
57	7/16DIN-M
58	MS180-M
59	MS162-M

No	Conn. A/B
60	CRC9-M
61	MS162-M
62	SSMCX-M
63	SMPM-M
64	FAKRA-M
65	TS9A-M
66	MS156C-M
67	MHF20567-M
68	MS156-M
69	MM8930-M
No	Body Style
0	Standard
1	Reverse
2	Right angle
3	Quick
4	RP-Right angle
5	RP-Quick
6	Bulkhead
7	Opposite Direction R/A
8	2Hole Flange
9	RP-Bulkhead
A	Quick/No hex
B	4Hole Flange

No	Coaxial Cables ©
6	RG-6(U)
58	RG58(U)
59	RG59
081	Mini-coaxial 0.81mm
113	Mini-coaxial 1.13mm
137	Mini-coaxial 1.37mm
142	RG-142
174	RG-174
178	RG-178
214	RG-214
316	RG-316
316D	RG-316 Doubt Shield
400	RG-400
F085	SS405
F141	SS402
SF085	RG405
SF141	RG402
SF085JB	RG405(Blue Jacket)
SF141JB	RG402(Blue Jacket)
SPF085	SFL405
SPF141	SFL402
SR034	Semi-rigid 034
SR047	Semi-rigid 047
SR085	Semi-rigid RG405
SR141	Semi-rigid RG402
200LL	200LL,LMR200
400LL	400L,CFD400,LMR400
600LL	600LL,LMR600
2CS	AWG28 x2C
3CS	AWG28 x3C

Code(D)	A	B	C
Tube Type	Brass Tubing	Double Heat-shrink Tubing	Rigid Glued Tubing



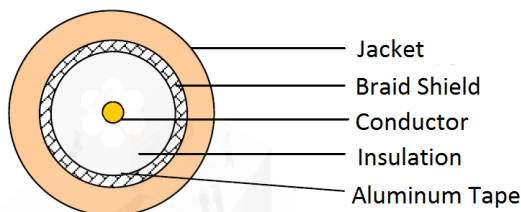
COAXIAL CABLE

MCBL-200LL.50

LOW LOSS FEXIBLE

Features

- ✓ Frequency up to 3GHz
- ✓ Low signal attenuation



Specifications

CONSTRUCTION			
CONDUCTOR	MATERIAL	BC	
	CONSTRUCTION	1.12±0.02mm	
INSULATION	MATERIAL	FRPE+LDPE	
	DIAMETER	2.95±0.1mm	
BRAID SHIELD	MATERIAL	TC	
	CONSTRUCTION	16/7/0.12mm	
	COVERAGE	92%	
	DIAMETER	3.66mm	
JACKET	MATERIAL	PVC	
	COLOR	BLACK	
	OVERALL DIAMETER	4.95±0.1mm	
ATTENUATION (dB/m)	13.5MHz	2000MHz	3000MHz
	0.08	0.95	1.10

NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY





Cable Assembly Part Number

MVE PART NUMBER	CONNECTOR 1	CONNECTOR 2	XX- LENGTH (cm)	FREQUENCY (GHz)	VSWR (TYP.)
200200.200LL.XXA	BNC Male	BNC Male	50, 100, 150, 200	3.0	--
200280.200LL.XXA	BNC Male	SMA Male	50, 100, 150, 200	3.0	1.40
260260.200LL.XXA	N MALE	N MALE	50, 100, 150, 200		
280280.200LL.XXA	SMA Male	SMA Male	50, 100, 150, 200	5.8	1.40
280282.200LL.XXA	SMA Male	SMA Male R/A	50, 100, 150, 200	5.8	1.40

*Definition of Length: " XX "

Length $\leq 30\text{CM}$, the length cable is referring to exclude two terminal length of connector.

Length $> 30\text{CM}$, the length cable is referring to include two terminal length of connector.

**Definition of Tolerance

Length $\leq 10\text{cm}$: $\pm 0.5\text{cm}$, Length $\leq 30\text{cm}$: $\pm 1.0\text{ cm}$, Length $\leq 50\text{cm}$: $\pm 2.0\text{ cm}$,

Length $\leq 100\text{cm}$: $\pm 2.5\text{ cm}$, Length $> 100\text{cm}$: $\pm 3.0\text{cm}$, Length $\geq 1000\text{cm}$: $+1\%/-10\text{cm}$

***Estimate of Cable Assembly loss

Cable assembly loss =Connector loss + Assembly loss + Cable loss

Connector Loss: $0.08 \times \sqrt{\text{Frequency}} \times 2$ (2 connectors)

Assembly Loss : $0.12 \times 2(\text{sides})$

Cable Loss: per cable attenuation (Max.) * Cable length

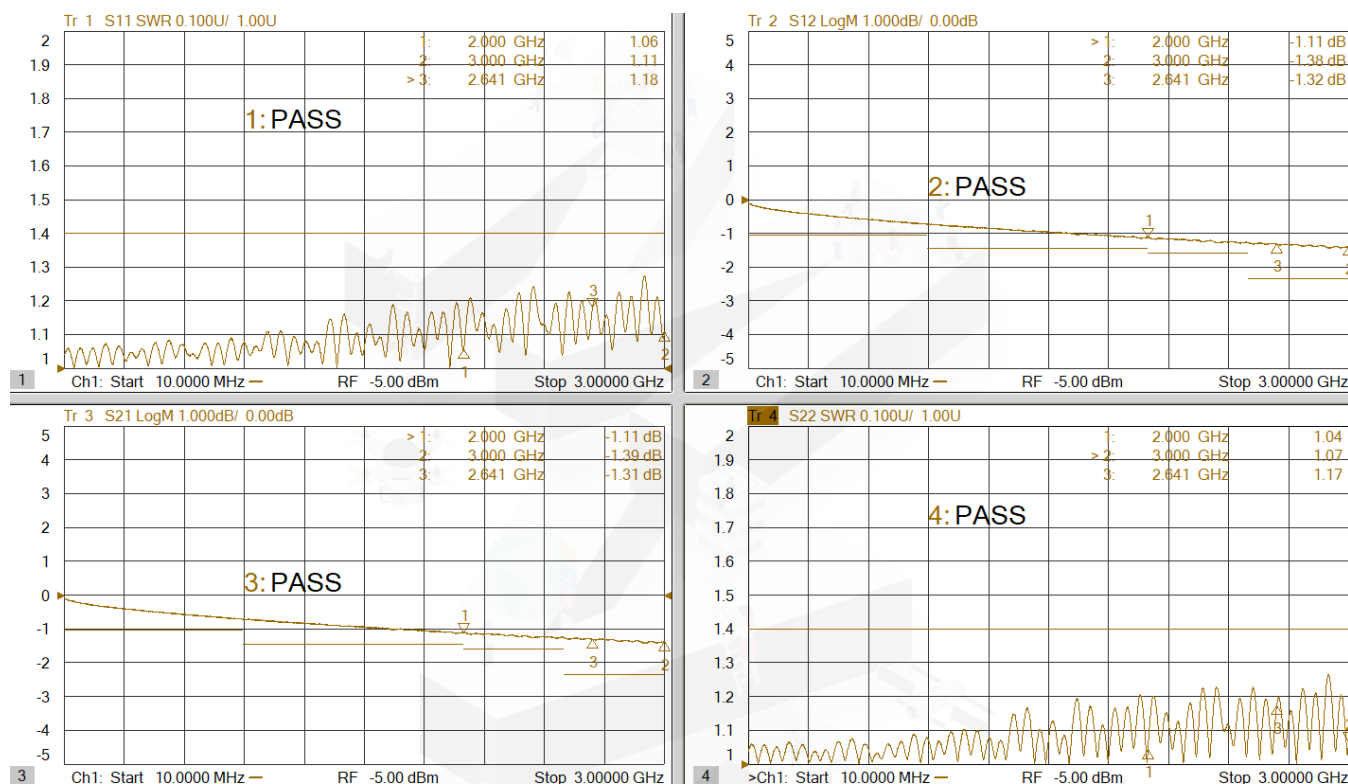
NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY



Typical Test Result

PART NUMBER	DESCRIPTION
200280.200LL.200A	BNC Male To SMA Male, 200LL/L:200cm/Brass Tubing

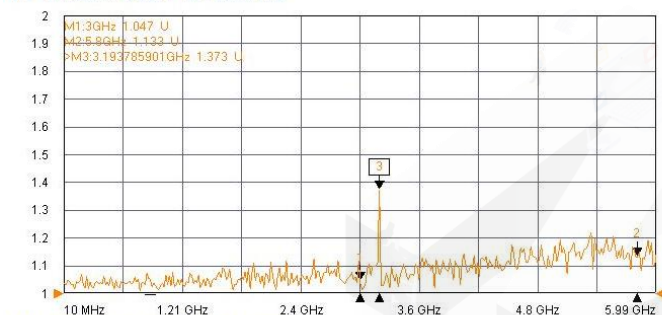




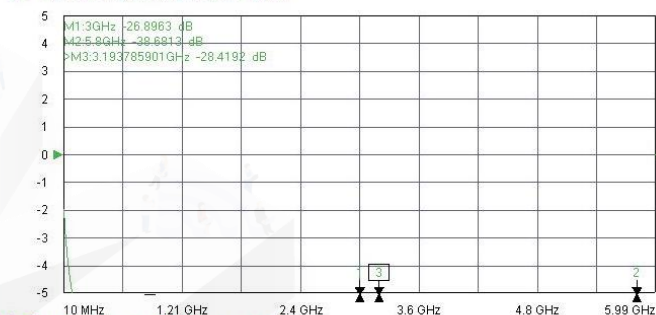
Typical Test Result

PART NUMBER	DESCRIPTION
280280.200LL.5000A	SMA Male To SMA Male, 200LL/L:50M/Brass Tubing

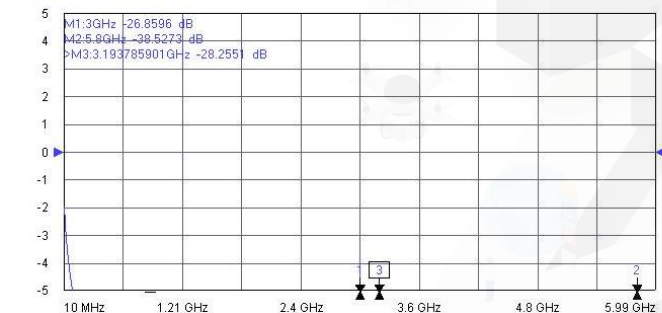
Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



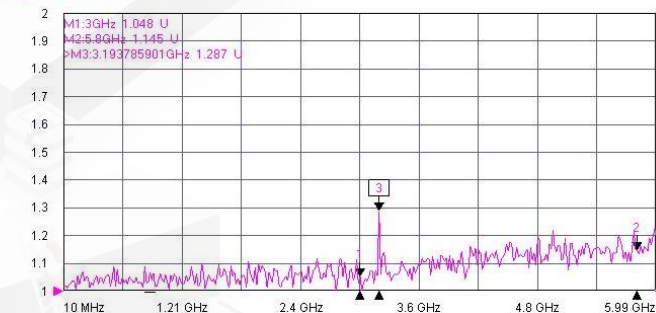
Tr2 S12 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 1 dB/Div



Tr4 S22 Refl SWR RefLvl: 1 U Res: 100 mU/Div





Typical Test Result

PART NUMBER	DESCRIPTION
280282.200LL.40A	SMA Male To SMA Male R/A, 200LL Black /L:40cm/Brass Tubing

