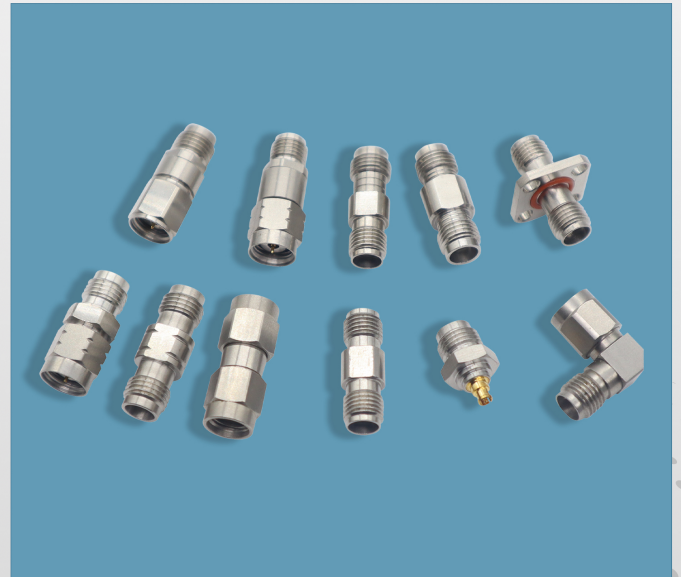


Product Catalogue

2026 Edition



Who We Are?



BASED IN XI'AN, THE RF CENTER OF CHINA.

Reach-line offers a wide selection of high quality products for various applications and industries. Reach-line's products include all parts in the RF line: *Precision Coaxial RF & Microwave/mmWave adapters; Precision RF & Microwave/mmWave cable assemblies; Precision RF & Microwave/mmWave terminations; Precision RF & Microwave/mmWave fixed attenuators.*



PROFESSIONAL & TECHNOLOGY

We will use our professional technique and best technology to serve all of our customers. In addition, we support our original equipment manufacturers (OEMs) with custom products and modified products for our customer application needs. We provide a wide range of RF products and services. We will provide an efficient, cost effective products and best services solution that will enable our client to grow.



RF LINE TOTAL SOLUTION

Reach-line is a unique source for RF line products' total solution, customized engineering support and optimization advices. Let us help you to find the best solutions for your mmWave, microwave and RF needs. Let us help you to find the best solutions for your mmWave, microwave and RF needs.

FEATURE OF OUR TEAM

Why Choose Us?

More than 3000 kinds of products. 200 customers from 30 countries choose us.

THE BEST INDUSTRY LEADERS

15 years working experience in RF industry. Will be your best partner in China.

FAST & EFFICIENT COMMUNICATION

Quotation sheet & data sheet will be provided to avoid the misunderstanding.

PROFESSIONAL ENGINEER SUPPORTING

Best understanding about your requirement, and recommend the suitable products for your project.



Features:

- High frequency & Low VSWR
- Rugged Construction
- In-series, between-series
- Huge stocks
- Customization Available

Adapters

Reach-line supplies a huge selection of high precision Coaxial RF & Microwave/ mmWave adapters cover the frequency range DC~110GHz. The adapters are widely used in many applications.

Precision/microwave adapters			
No.	P/N	Description	Frequency&VSWR
In-series adapters			
1	RL-SMA-JJG	SMA male to SMA male adapter	DC-27GHz VSWR \leq 1.2
2	RL-SMA-KKG	SMA female to SMA female adapter	DC-27GHz VSWR \leq 1.2
3	RL-SMA-JKG	SMA male to SMA female adapter	DC-27GHz VSWR \leq 1.2
4	RL-SMA-JWJG	SMA male to SMA male right angel adapter	DC-18GHz VSWR \leq 1.2
5	RL-SMA-JWKG	SMA male to SMA female right angel adapter	DC-18GHz VSWR \leq 1.2
6	RL-SMA-KWKG	SMA female to SMA female right angel adapter	DC-18GHz VSWR \leq 1.2
7	RL-SMA-KYKG	SMA female to SMA female bulkhead adapter	DC-27GHz VSWR \leq 1.2
8	RL-SMA-KFKG	SMA female to SMA female 4-hole flange mount adapter	DC-18GHz VSWR \leq 1.2
9	RL-N-JJG	N male to N male adapter	DC-18GHz VSWR \leq 1.2
10	RL-N-KKG	N female to N female adapter	DC-18GHz VSWR \leq 1.2
11	RL-N-JKG	N male to N female adapter	DC-18GHz VSWR \leq 1.2
12	RL-N-KYKMG	N male to N female bulkhead adapter	DC-18GHz VSWR \leq 1.2
13	RL-N-JFJG	N male to N male 4-hole flange mount adapter	DC-18GHz VSWR \leq 1.2
14	RL-N-KFKG	N female to N female 4-hole flange mount adapter	DC-18GHz VSWR \leq 1.2
15	RL-N-JFKG	N male to N female 4-hole flange mount adapter	DC-18GHz VSWR \leq 1.2
16	RL-N-JWKG	N male to N female right angel adapter	DC-18GHz VSWR \leq 1.2
17	RL-SMP-JJG	SMP male to SMP male adapter	DC-40GHz VSWR \leq 1.4
18	RL-SMP-KKG	SMP female to SMP female adapter	DC-40GHz VSWR \leq 1.4
19	RL-SMP-JKG	SMP male to SMP female adapter	DC-40GHz VSWR \leq 1.4
20	RL-SSMP-JJG	SSMP male to SSMP male adapter	DC-40GHz VSWR \leq 1.4

21	RL-SSMP-KKG	SSMP female to SSMP female adapter	DC-40GHz VSWR \leq 1.4
22	RL-SSMP-JKG	SSMP male to SSMP female adapter	DC-40GHz VSWR \leq 1.4
23	RL-3.5-JJG	3.5 male to 3.5 male adapter	DC-33GHz VSWR \leq 1.3
24	RL-3.5-KKG	3.5 female to 3.5 female adapter	DC-33GHz VSWR \leq 1.3
25	RL-3.5-JKG	3.5 male to 3.5 female adapter	DC-33GHz VSWR \leq 1.3
26	RL-3.5-JYKG	3.5 male to 3.5 female bulkhead adapter	DC-33GHz VSWR \leq 1.3
27	RL-3.5-KYKG	3.5 female to 3.5 female bulkhead adapter	DC-33GHz VSWR \leq 1.3
28	RL-3.5-KFKG	3.5 female to 3.5 female 4-hole flange mount adapter	DC-33GHz VSWR \leq 1.3
29	RL-2.92-JJG	2.92 male to 2.92 male adapter	DC-40GHz VSWR \leq 1.3
30	RL-2.92-KKG	2.92 female to 2.92 female adapter	DC-40GHz VSWR \leq 1.3
31	RL-2.92-JKG	2.92 male to 2.92 female adapter	DC-40GHz VSWR \leq 1.3
32	RL-2.92-KYKG	2.92 female to 2.92 female bulkhead adapter	DC-40GHz VSWR \leq 1.3
33	RL-2.92-JYKG	2.92 female to 2.92 female bulkhead adapter	DC-40GHz VSWR \leq 1.3
34	RL-2.92-KFKG	2.92 female to 2.92 female 4-hole flange mount adapter	DC-40GHz VSWR \leq 1.3
35	RL-2.92-JWKG	2.92 male to 2.92 female right angel adapter 40G	DC-40GHz VSWR \leq 1.35
36	RL-2.4-JJG	2.4 male to 2.4 male adapter 50G	DC-50GHz VSWR \leq 1.35
37	RL-2.4-KKG	2.4 female to 2.4 female adapter 50G	DC-50GHz VSWR \leq 1.35
38	RL-2.4-JKG	2.4 male to 2.4 female adapter 50G	DC-50GHz VSWR \leq 1.35
39	RL-2.4-KYKG	2.4 female to 2.4 female bulkhead adapter 50G	DC-50GHz VSWR \leq 1.35
40	RL-1.85-JJG	1.85 male to 1.85 male adapter 67G	DC-67GHz VSWR \leq 1.35
41	RL-1.85-KKG	1.85 female to 1.85 female adapter 67G	DC-67GHz VSWR \leq 1.35
42	RL-1.85-JKG	1.85 male to 1.85 female adapter 67G	DC-67GHz VSWR \leq 1.35

43	RL-1.0-JJG	1.0 male to 1.0 female adapter 110G	DC-110GHz VSWR \leq 1.6
44	RL-1.0-KKG	1.0 female to 1.0 female adapter 110G	DC-110GHz VSWR \leq 1.6
45	RL-1.0-JKG	1.0 male to 1.0 female adapter 110G	DC-110GHz VSWR \leq 1.6
Between series			
46	RL-SMA/N-JJG	SMA male to N male adapter	DC-18GHz VSWR \leq 1.2
47	RL-SMA/N-KKG	SMA female to N female adapter	DC-18GHz VSWR \leq 1.2
48	RL-SMA/N-JKG	SMA male to N female adapter	DC-18GHz VSWR \leq 1.2
49	RL-SMA/N-KJG	SMA female to N male adapter	DC-18GHz VSWR \leq 1.2
50	RL-SMA/N-KYKG	SMA female to N female bulkhead adapter	DC-18GHz VSWR \leq 1.2
51	RL-SMA/N-KFKG	SMA male to N female 4-hole flange mount adapter	DC-18GHz VSWR \leq 1.2
52	RL-SMA/SMP-JJG	SMA male to SMP male adapter	DC-18GHz VSWR \leq 1.3
53	RL-SMA/SMP-KKG	SMA female to SMP female adapter	DC-18GHz VSWR \leq 1.3
54	RL-SMA/SMP-JKG	SMA male to SMP female adapter	DC-18GHz VSWR \leq 1.3
55	RL-SMA/SMP-KJG	SMA female to SMP male adapter	DC-18GHz VSWR \leq 1.3
56	RL-3.5/N-JJG	3.5 male to N male adapter	DC-18GHz VSWR \leq 1.2
57	RL-3.5/N-KKG	3.5 female to N female adapter	DC-18GHz VSWR \leq 1.2
58	RL-3.5/N-JKG	3.5 male to N female adapter	DC-18GHz VSWR \leq 1.2
59	RL-3.5/N-KJG	3.5 female to N male adapter	DC-18GHz VSWR \leq 1.2
60	RL-2.92/N-JJG	2.92 male to N male adapter	DC-18GHz VSWR \leq 1.2
61	RL-2.92/N-KKG	2.92 female to N female adapter	DC-18GHz VSWR \leq 1.2
62	RL-2.92/N-JKG	2.92 male to N female adapter	DC-18GHz VSWR \leq 1.2
63	RL-2.92/N-KJG	2.92 female to N male adapter	DC-18GHz VSWR \leq 1.2
64	RL-2.4/N-JJG	2.4 male to N male adapter	DC-18GHz VSWR \leq 1.2
65	RL-2.4/N-KKG	2.4 female to N female adapter	DC-18GHz VSWR \leq 1.2
66	RL-2.4/N-JKG	2.4 male to N female adapter	DC-18GHz VSWR \leq 1.2

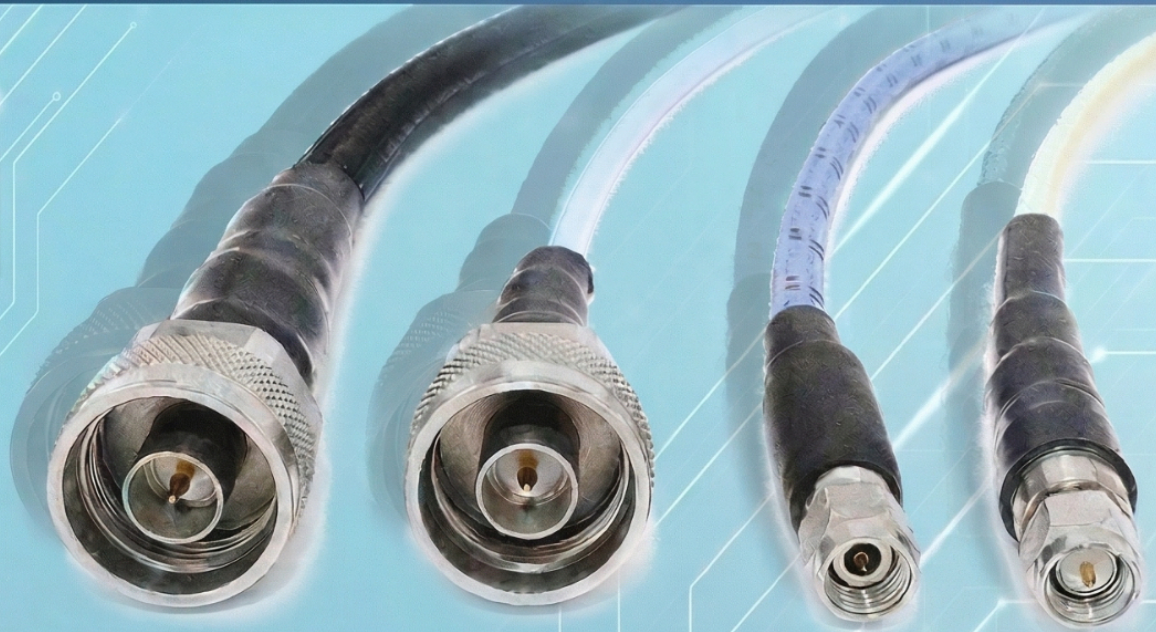
67	RL-2.4/N-KJG	2.4 female to N male adapter	DC-18GHz VSWR \leq 1.2
68	RL-1.85/N-JJG	1.85 male to N male adapter	DC-18GHz VSWR \leq 1.2
69	RL-1.85/N-KKG	1.85 female to N female adapter	DC-18GHz VSWR \leq 1.2
70	RL-1.85/N-JKG	1.85 male to N female adapter	DC-18GHz VSWR \leq 1.2
71	RL-1.85/N-KJG	1.85 female to N male adapter	DC-18GHz VSWR \leq 1.2
72	RL-3.5/SMA-JJG	3.5 male to SMA male adapter	DC-27GHz VSWR \leq 1.35
73	RL-3.5/SMA-KKG	3.5 female to SMA female adapter	DC-27GHz VSWR \leq 1.35
74	RL-3.5/SMA-JKG	3.5 male to SMA female adapter	DC-27GHz VSWR \leq 1.35
75	RL-3.5/SMA-KJG	3.5 female to SMA male adapter	DC-27GHz VSWR \leq 1.35
76	RL-NMD/3.5-KKG	NMD 3.5 female to 3.5 female adapter	DC-26.5GHz VSWR \leq 1.2
77	RL-NMD/3.5-JKG	NMD 3.5 male to 3.5 female adapter	DC-26.5GHz VSWR \leq 1.2
78	RL-NMD/3.5-KJG	NMD 3.5 female to 3.5 male adapter	DC-26.5GHz VSWR \leq 1.2
79	RL-2.92/3.5-JJG	2.92 male to 3.5 male adapter	DC-33GHz VSWR \leq 1.25
80	RL-2.92/3.5-KKG	2.92 female to 3.5 female adapter	DC-33GHz VSWR \leq 1.25
81	RL-2.92/3.5-JKG	2.92 male to 3.5 female adapter	DC-33GHz VSWR \leq 1.25
82	RL-2.92/3.5-KJG	2.92 female to 3.5 male adapter	DC-33GHz VSWR \leq 1.25
83	RL-2.4/3.5-JJG	2.4 male to 3.5 male adapter	DC-33GHz VSWR \leq 1.25
84	RL-2.4/3.5-KKG	2.4 female to 3.5 female adapter	DC-33GHz VSWR \leq 1.25
85	RL-2.4/3.5-JKG	2.4 male to 3.5 female adapter	DC-33GHz VSWR \leq 1.25
86	RL-2.4/3.5-KJG	2.4 female to 3.5 male adapter	DC-33GHz VSWR \leq 1.25
87	RL-1.85/3.5-JJG	1.85 male to 3.5 male adapter	DC-33GHz VSWR \leq 1.25
88	RL-1.85/3.5-KKG	1.85 female to 3.5 female adapter	DC-33GHz VSWR \leq 1.25
89	RL-1.85/3.5-JKG	1.85 male to 3.5 female adapter	DC-33GHz VSWR \leq 1.25
90	RL-1.85/3.5-KJG	1.85 female to 3.5 male adapter	DC-33GHz VSWR \leq 1.25
91	RL-SMP/2.92-JJG	SMP male to 2.92 male adapter	DC-40GHz VSWR \leq 1.35

92	RL-SMP/2.92-KKG	SMP male to 2.92 male adapter	DC-40GHz VSWR \leq 1.35
93	RL-SMP/2.92-JKG	SMP male to 2.92 male adapter	DC-40GHz VSWR \leq 1.35
94	RL-SMP/2.92-KJG	SMP male to 2.92 male adapter	DC-40GHz VSWR \leq 1.35
95	RL-SMP/2.4-JJG	SMP male to 2.4 male adapter	DC-40GHz VSWR \leq 1.35
96	RL-SMP/2.4-KKG	SMP male to 2.4 male adapter	DC-40GHz VSWR \leq 1.35
97	RL-SMP/2.4-JKG	SMP male to 2.4 male adapter	DC-40GHz VSWR \leq 1.35
98	RL-SMP/2.4-KJG	SMP male to 2.4 male adapter	DC-40GHz VSWR \leq 1.35
99	RL-SSMP/2.92-JJG	SSMP male to 2.92 male adapter	DC-40GHz VSWR \leq 1.35
100	RL-SSMP/2.92-KKG	SSMP female to 2.92 female adapter	DC-40GHz VSWR \leq 1.35
101	RL-SSMP/2.92-JKG	SSMP male to 2.92 female adapter	DC-40GHz VSWR \leq 1.35
102	RL-SSMP/2.92-KJG	SSMP female to 2.92 male adapter	DC-40GHz VSWR \leq 1.35
103	RL-SSMP/2.4-JJG	SSMP male to 2.4 male adapter	DC-50GHz VSWR \leq 1.4
104	RL-SSMP/2.4-KKG	SSMP female to 2.4 female adapter	DC-50GHz VSWR \leq 1.4
105	RL-SSMP/2.4-JKG	SSMP male to 2.4 female adapter	DC-50GHz VSWR \leq 1.4
106	RL-SSMP/2.4-KJG	SSMP female to 2.4 male adapter	DC-50GHz VSWR \leq 1.4
107	RL-2.4/2.92-JJG	2.4 male to 2.92 male adapter	DC-40GHz VSWR \leq 1.2
108	RL-2.4/2.92-KKG	2.4 female to 2.92 female adapter	DC-40GHz VSWR \leq 1.2
109	RL-2.4/2.92-JKG	2.4 male to 2.92 female adapter	DC-40GHz VSWR \leq 1.35
110	RL-2.4/2.92-KJG	2.4 female to 2.92 male adapter	DC-40GHz VSWR \leq 1.35
111	RL-1.85/2.92-JJG	1.85 male to 2.92 male adapter	DC-40GHz VSWR \leq 1.35
112	RL-1.85/2.92-KKG	1.85 female to 2.92 female adapter	DC-50GHz VSWR \leq 1.35
113	RL-1.85/2.92-JKG	1.85 male to 2.92 female adapter	DC-40GHz VSWR \leq 1.3
114	RL-1.85/2.92-KJG	1.85 female to 2.92 male adapter	DC-40GHz VSWR \leq 1.3
115	RL-1.85/2.4-JJG	1.85 male to 2.4 male adapter	DC-50GHz VSWR \leq 1.35
116	RL-1.85/2.4-KKG	1.85 male to 2.4 female adapter	DC-50GHz VSWR \leq 1.35

117	RL-1.85/2.4-JKG	1.85 male to 2.4 female adapter	DC-50GHz VSWR \leq 1.35
118	RL-1.85/2.4-KJG	1.85 female to 2.4 male adapter	DC-50GHz VSWR \leq 1.35
119	RL-1.0/1.85-JJG	1.0 male to 1.85male adapter 67G	DC-67GHz VSWR \leq 1.5
120	RL-1.0/1.85-KKG	1.0 female to 1.85 female adapter 67G	DC-67GHz VSWR \leq 1.5
121	RL-1.0/1.85-JKG	1.0 male to 1.85 female adapter 67G	DC-67GHz VSWR \leq 1.5
122	RL-1.0/1.85-KJG	1.0 female to 1.85 male adapter 67G	DC-67GHz VSWR \leq 1.5

Cable assemblies

Reach-line offers various precision Coaxial RF & Microwave/mmWave Cable Assemblies to meet different requirements. Frequency range is from DC to 110GHz. Low insertion loss, high power handling, light weighted, and long life. Our cables are widely used in Avionics, Phased-array Radar, Laboratory Equipments, Base stations, etc.

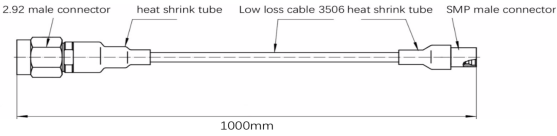
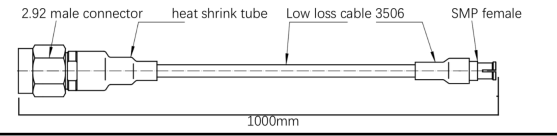
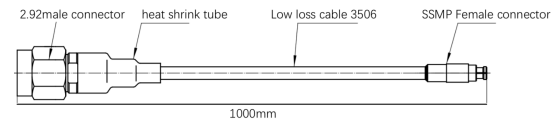
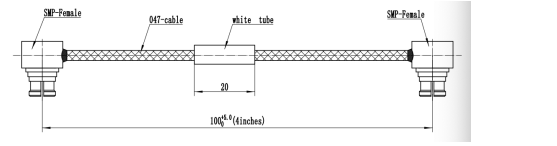
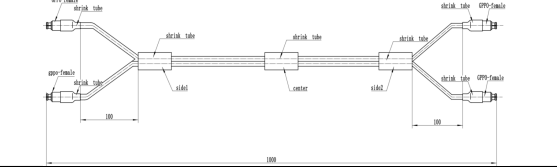
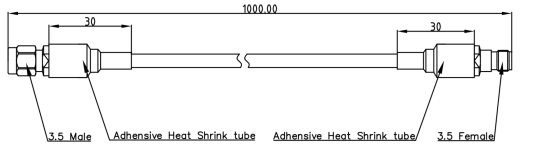
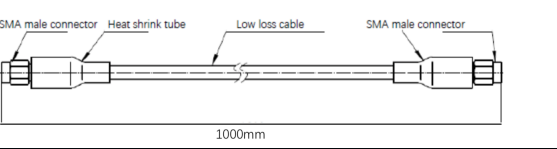
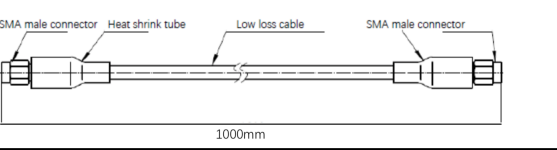
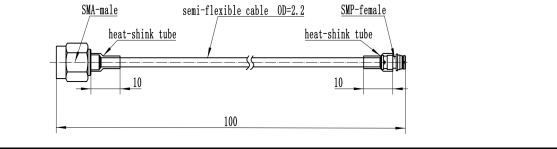
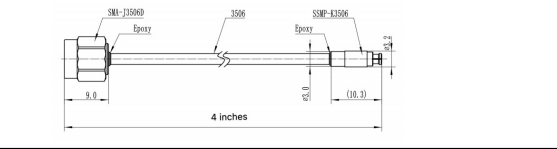
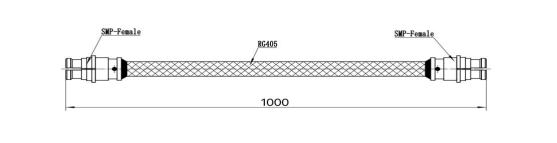


Features:

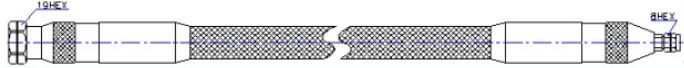
- High frequency & Low VSWR
- Low Insertion Loss & High Phase Stability
- High Power
- High Durability
- Customization Available

Precision/microwave Cable Assembly

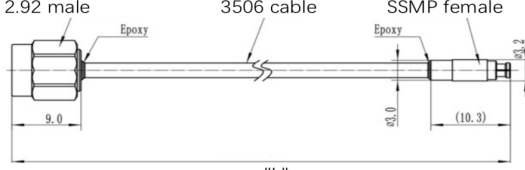
No.	P/N	Outline drawing	Description	Frequency&VSWR
Precision Cable Assembly				
110G solution				
1	RL-1.0-J to 1.0-J 110G L=1000mm			DC-110GHz VSWR \leq 1.6
67G solution				
2	RL-1.85-J to 1.85-J 67G L=1000mm			DC-67GHz VSWR \leq 1.4
3	RL-1.85-J to SSMP-K 67G L=1000mm			DC-67GHz VSWR \leq 1.4
4	RL-1.85-J to SSMP-K 67G L=1000mm			semirigid cable DC- 67GHz VSWR \leq 1.4
50G solution				
5	RL-2.4-J to 2.4-J 50G L=1000mm			DC-50GHz VSWR \leq 1.35
6	RL-2.4-J to SSMP-K 50G L=1000mm			DC-50GHz VSWR \leq 1.35
7	RL-SSMP-K to SSMP-K 50G L=1000mm			DC-50GHz VSWR \leq 1.35
40G solution				
8	RL-2.92-J to 2.92-J 40G L=1000mm			DC-40GHz VSWR \leq 1.3
9	RL-2.92-J to 2.4-J 40G L=1000mm			DC-40GHz VSWR \leq 1.3

10	RL-2.92-J to SMP-J 40G L=1000mm		DC-40GHz VSWR \leq 1.35
11	RL-2.92-J to SMP-K 40G L=1000mm		DC-40GHz VSWR \leq 1.35
12	RL-2.92-J to SSMP-J 40G L=1000mm		DC-40GHz VSWR \leq 1.35
13	RL-SMP-J to SMP-J 40G L=1000mm		DC-40GHz VSWR \leq 1.35
14	RL-SSMP-J to SSMP-J-2 40G L=1000mm(pair)		DC-40GHz VSWR \leq 1.35
33G solution			
15	RL-3.5-J to 3.5-J 33G L=1000mm		DC-33GHz VSWR \leq 1.3
26.5G solution			
16	RL-SMA-J to SMA-J 26.5G L=1000mm		DC-26.5GHz VSWR \leq 1.3
18G solution			
17	RL-SMA-J to SMA-J 18G L=1000mm		DC-18GHz VSWR \leq 1.3
18	RL-SMA-J to SMP-K 18G L=1000mm		DC-18GHz VSWR \leq 1.3
19	RL-SMA-J to SSMP-K 18G L=1000mm		DC-18GHz VSWR \leq 1.3
20	RL-SMP-K to SMP-JK 18G L=1000mm		DC-18GHz VSWR \leq 1.3

Superflex Cable			
21	RL-SMA-J SMA-J 26.5G L=1000mm		DC-26.5GHz VSWR \leq 1.2
22	RL-2.92-J to 2.92-J 40G L=1000mm		DC-40GHz VSWR \leq 1.3
Armoured Cable Assembly			
23	RL-SMA-J to SMA-J 26.5G L=1000mm		DC-26.5GHz VSWR \leq 1.2
24	RL-2.92-J to 2.92-J 40G L=1000mm		DC-27GHz VSWR \leq 1.2
25	RL-N-JW to N-JW 6G L=1000mm		DC-6GHz VSWR \leq 1.2
26	RL-N-JW to N-JW 6G L=1000mm		DC-6GHz VSWR \leq 1.2
27	RL-N-J to N-J 18G L=1000mm		DC-18GHz VSWR \leq 1.3
28	RL-2.4-J to 2.4-J 50G L=1000mm		DC-50GHz VSWR \leq 1.35
VNA Cable Assembly(Armoured)			
29	RLVNA3.5-J to 3.5-J 26.5G L=1000mm		DC-26.5GHz VSWR \leq 1.30
30	RLVNA-N-J to N-J 18G L=1000mm		DC-18GHz VSWR \leq 1.30

31	RLVNA2.4-J to 2.4-J 250G L=1000mm		DC-50GHz VSWR \leq 1.40
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Minibend Series Replacement

32	RL-2.92-J to SSMP-K 40G L=1000mm		DC-40GHz VSWR \leq 1.6
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DIMENSION "L"	2.0 GHz		18.0 GHz		26.5 GHz		40.0 GHz	
	VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
2.50 (63.5)	1.20:1	0.23	1.40:1	0.62	1.50:1	0.77	1.60:1	1.06
3.00 (76.2)	1.20:1	0.25	1.40:1	0.68	1.50:1	0.85	1.60:1	1.15
3.50 (88.9)	1.20:1	0.27	1.40:1	0.74	1.50:1	0.92	1.60:1	1.25
4.00 (101.6)	1.20:1	0.29	1.40:1	0.80	1.50:1	1.00	1.60:1	1.34
4.50 (114.3)	1.20:1	0.31	1.40:1	0.86	1.50:1	1.07	1.60:1	1.43
5.00 (127.0)	1.20:1	0.33	1.40:1	0.92	1.50:1	1.15	1.60:1	1.53
5.50 (139.7)	1.20:1	0.35	1.40:1	0.98	1.50:1	1.22	1.60:1	1.62
6.00 (152.4)	1.20:1	.037	1.40:1	1.05	1.50:1	1.30	1.60:1	1.72
7.00 (177.8)	1.20:1	0.40	1.40:1	1.17	1.50:1	1.44	1.60:1	1.90
8.00 (203.2)	1.20:1	0.44	1.40:1	1.29	1.50:1	1.59	1.60:1	2.09
9.00 (228.6)	1.20:1	0.48	1.40:1	1.41	1.50:1	1.74	1.60:1	2.28
10.00 (254.0)	1.20:1	0.52	1.40:1	1.53	1.50:1	1.89	1.60:1	2.47
11.00 (279.4)	1.20:1	0.55	1.40:1	1.65	1.50:1	2.04	1.60:1	2.65
12.00 (304.8)	1.20:1	0.59	1.40:1	1.77	1.50:1	2.19	1.60:1	2.84
	1.20:1		1.40:1		1.50:1		1.60:1	



Features:

- Small in size & Rugged Construction
- High precision & High Power
- High frequency & Low VSWR
- 100% test with test plot
- Customization Available

Terminations

Reach-line supplies precision Coaxial RF & Microwave/mmWave high power terminations cover the frequency range DC~110GHz. The average power handling is up to 1000 watts. The coaxial terminations are designed to meet the extreme demands of today's microwave test or operating system applications.

Model Description

RLTXXX-X

RL=Reach-Line for short

T=Termination Series

X=Connector Type S means SMA type N means N type 292 means 2.92 type

X=Power

X=Frequency Range

X=Gender

Standard Terminations

P/N	Frequency Range	Power	Connector	Gender	VSWR
RLTS0203M	DC-3G	2W	SMA	Male	1.2
RLTS0206M	DC-6G	2W	SMA	Male	1.2
RLTS0218M	DC-18G	2W	SMA	Male	1.3
RLTS0203F	DC-3G	2W	SMA	Female	1.2
RLTS0206F	DC-6G	2W	SMA	Female	1.2
RLTS0218F	DC-18G	2W	SMA	Female	1.3
RLTN0203M	DC-3G	2W	N	Male	1.2
RLTN0206M	DC-6G	2W	N	Male	1.2
RLTN0218M	DC-18G	2W	N	Male	1.3
RLTN0203F	DC-3G	2W	N	Female	1.2
RLTN0206F	DC-6G	2W	N	Female	1.2
RLTN0218F	DC-18G	2W	N	Female	1.3
RLTS0503M	DC-3G	5W	SMA	Male	1.2
RLTS0506M	DC-6G	5W	SMA	Male	1.2
RLTS0518M	DC-18G	5W	SMA	Male	1.3
RLTS0503F	DC-3G	5W	SMA	Female	1.2
RLTS0506F	DC-6G	5W	SMA	Female	1.2
RLTS0518F	DC-18G	5W	SMA	Female	1.3
RLTN0503M	DC-3G	5W	N	Male	1.2
RLTN0506M	DC-6G	5W	N	Male	1.2
RLTN0518M	DC-18G	5W	N	Male	1.3
RLTN0503F	DC-3G	5W	N	Female	1.2
RLTN0506F	DC-6G	5W	N	Female	1.2
RLTN0518F	DC-18G	5W	N	Female	1.3
RLTS1003M	DC-3G	10W	SMA	Male	1.2
RLTS1006M	DC-6G	10W	SMA	Male	1.2
RLTS1018M	DC-18G	10W	SMA	Male	1.3
RLTS1003F	DC-3G	10W	SMA	Female	1.2
RLTS1006F	DC-6G	10W	SMA	Female	1.2
RLTS1018F	DC-18G	10W	SMA	Female	1.3
RLTN1003M	DC-3G	10W	N	Male	1.2
RLTN1006M	DC-6G	10W	N	Male	1.2
RLTN1018M	DC-18G	10W	N	Male	1.3
RLTN1003F	DC-3G	10W	N	Female	1.2
RLTN1006F	DC-6G	10W	N	Female	1.2
RLTN1018F	DC-18G	10W	N	Female	1.3
RLTN2503M	DC-3G	25W	N	Male	1.2

RLTN2506M	DC-6G	25W	N	Male	1.2
RLTN2518M	DC-18G	25W	N	Male	1.3
RLTN2503F	DC-3G	25W	N	Female	1.2
RLTN2506F	DC-6G	25W	N	Female	1.2
RLTN2518F	DC-18G	25W	N	Female	1.3
RLTS5003M	DC-3G	50W	SMA	Male	1.2
RLTS5006M	DC-6G	50W	SMA	Male	1.2
RLTS5018M	DC-18G	50W	SMA	Male	1.3
RLTS5003F	DC-3G	50W	SMA	Female	1.2
RLTS5006F	DC-6G	50W	SMA	Female	1.2
RLTS5018F	DC-18G	50W	SMA	Female	1.3
RLTN5003M	DC-3G	50W	N	Male	1.2
RLTN5006M	DC-6G	50W	N	Male	1.2
RLTN5018M	DC-18G	50W	N	Male	1.3
RLTN5003F	DC-3G	50W	N	Female	1.2
RLTN5006F	DC-6G	50W	N	Female	1.2
RLTN5018F	DC-18G	50W	N	Female	1.3
RLTN10003M	DC-3G	100W	N	Male	1.2
RLTN10006M	DC-6G	100W	N	Male	1.2
RLTN10018M	DC-18G	100W	N	Male	1.3
RLTN10003F	DC-3G	100W	N	Female	1.2
RLTN10006F	DC-6G	100W	N	Female	1.2
RLTN15003M	DC-3G	150W	N	Male	1.2
RLTN15006M	DC-6G	150W	N	Male	1.2
RLTN15018M	DC-18G	150W	N	Male	1.3
RLTN15003F	DC-3G	150W	N	Female	1.2
RLTN15006F	DC-6G	150W	N	Female	1.2
RLTN20003M	DC-3G	200W	N	Male	1.2
RLTN20006M	DC-6G	200W	N	Male	1.2
RLTN20012M	DC-12G	200W	N	Male	1.3
RLTN20018M	DC-18G	200W	N	Male	1.4
RLTN30003M	DC-3G	300W	N	Male	1.2
RLTN30006M	DC-6G	300W	N	Male	1.2
RLTN30012M	DC-12G	300W	N	Male	1.3
RLTN30018M	DC-18G	300W	N	Male	1.4
RLTN50003M	DC-3G	500W	N	Male	1.2
RLTN50006M	DC-6G	500W	N	Male	1.2
RLTN50012M	DC-12G	500W	N	Male	1.4
RLTN100003M	DC-3G	1000W	N	Male	1.4
RLTN150003M	DC-3G	1500W	N	Male	1.4
RLTN200003M	DC-3G	2000W	N	Male	1.4
Precision&High Frequency Terminations					
P/N	Frequency Range	Power	Connector	Gender	VSWR
RLTS0118M	DC-18G	1W	SMA	Male	1.15
RLTS0118F	DC-18G	1W	SMA	Female	1.15
RLTP0118M	DC-27G	1W	SMP	Male	1.30
RLTP0118F	DC-27G	1W	SMP	Female	1.30
RLTSP0118M	DC-40G	1W	SSMP	Male	1.30

RLTSP0118F	DC-40G	1W	SSMP	Female	1.30
RLT350118M	DC-27G	1W	3.5	Male	1.30
RLT350118F	DC-27G	1W	3.5	Female	1.30
RLT2920118M	DC-40G	1W	2.92	Male	1.30
RLT2920118F	DC-40G	1W	2.92	Female	1.30
RLT240118M	DC-50G	1W	2.4	Male	1.30
RLT240118F	DC-50G	1W	2.4	Female	1.30
RLTS0218M	DC-18G	2W	SMA	Male	1.15
RLTS0218F	DC-18G	2W	SMA	Female	1.15
RLTS0227M	DC-27G	2W	SMA	Male	1.30
RLTS0227F	DC-27G	2W	SMA	Female	1.30
RLTN0218M	DC-18G	2W	N	Male	1.15
RLTN0218F	DC-18G	2W	N	Female	1.15
RLT2920240M	DC-40G	2W	2.92	Male	1.20
RLT2920240F	DC-40G	2W	2.92	Female	1.20
RLT240250M	DC-50G	2W	2.4	Male	1.25
RLT240250F	DC-50G	2W	2.4	Female	1.25
RLT1850267M	DC-67G	2W	1.85	Male	1.35
RLT1850267F	DC-67G	2W	1.85	Female	1.35
RLT1002110M	DC-110G	2W	1.0	Male	1.50
RLT1002110F	DC-110G	2W	1.0	Female	1.50
RLT2920540M	DC-40G	5W	2.92	Male	1.25
RLT2920540F	DC-40G	5W	2.92	Female	1.25
RLT240550M	DC-50G	5W	2.4	Male	1.25
RLT240550F	DC-50G	5W	2.4	Female	1.25
RLT1850567M	DC-67G	5W	1.85	Male	1.35
RLT1850567F	DC-67G	5W	1.85	Female	1.35
RLT2921040M	DC-40G	10W	2.92	Male	1.25
RLT2921040F	DC-40G	10W	2.92	Female	1.25
RLT2922040M	DC-40G	20W	2.92	Male	1.30
RLT2922040F	DC-40G	20W	2.92	Female	1.30
RLT2923040M	DC-40G	30W	2.92	Male	1.30
RLT2923040F	DC-40G	30W	2.92	Female	1.30
RLT2925040M	DC-40G	50W	2.92	Male	1.35
RLT2925040F	DC-40G	50W	2.92	Female	1.35
RLT29210040M	DC-40G	100W	2.92	Male	1.40
RLT29210040F	DC-40G	100W	2.92	Female	1.40

Fixed Attenuators

Features:

- High frequency & Low VSWR
- High Power & High Precision
- Small in size & Rugged Construction
- Flat attenuation value & High precision
- 100% test with test plot

Reach-line supplies various high precision and high power Coaxial RF & Microwave/mmWave fixed attenuators cover the frequency range DC~110GHz. The average power handling is up to 1000 watts. The attenuators are used in many applications for the purpose of reducing the input power in a matched transmission line system.



Model Description

RLAXXX-XX

RL=Reach-Line for short

A=Attenuator Series

X=Connector Type S means SMA type N means N type 292 means 2.92 type

X=Power

X=Attenuation value

X=Frequency Range


Standard Attenuators

P/N	Frequency Range	Power	Connector	Attenuations(dB)	VSWR
RLAX2XX-4	DC-4G	2W	SMA/N/TNC	1-9/10/20/30/40/50/60	1.20
RLAX2XX-6	DC-6G	2W	SMA/N/TNC	1-9/10/20/30/40/50/60	1.20
RLAX2XX-12.4	DC-12.4G	2W	SMA/N/TNC	1-9/10/20/30/40/50/60	1.25
RLAX2XX-18	DC-18G	2W	SMA/N/TNC	1-9/10/20/30	1.30
RLAX5XX-4	DC-4G	5W	SMA/N	1-9/10/20/30/40/50/60	1.25
RLAX5XX-6	DC-6G	5W	SMA/N	1-9/10/20/30/40/50/60	1.25
RLAX5XX-12.4	DC-12.4G	5W	SMA/N	1-9/10/20/30	1.35
RLAX5XX-18	DC-18G	5W	SMA/N	1-9/10/20/30	1.45
RLAX10XX-4	DC-4G	10W	SMA/N/TNC	1-9/10/20/30/40	1.25
RLAX10XX-6	DC-6G	10W	SMA/N/TNC	1-9/10/20/30/40	1.25
RLAX10XX-12.4	DC-12.4G	10W	SMA/N	1-9/10/20/30/40	1.35
RLAX10XX-18	DC-18G	10W	SMA/N	1-9/10/20/30/40	1.45
RLAX20XX-4	DC-4G	20W	SMA/N	1-9/10/20/30/40	1.20
RLAX20XX-6	DC-6G	20W	SMA/N	1-9/10/20/30/40	1.25
RLAX20XX-12.4	DC-12.4G	20W	SMA/N	1-9/10/20/30/40	1.35
RLAX20XX-18	DC-18G	20W	SMA/N	1-9/10/20/30/40	1.45
RLAX25XX-4	DC-4G	25W	SMA/N	1-9/10/20/30/40/50	1.20
RLAX25XX-6	DC-6G	25W	SMA/N	1-9/10/20/30/40/50	1.25
RLAX25XX-12.4	DC-12.4G	25W	SMA/N	1-9/10/20/30/40	1.35
RLAX25XX-18	DC-18G	25W	SMA/N	1-9/10/20/30/40	1.45
RLAX30XX-4	DC-4G	30W	SMA/N	1-9/10/20/30/40/50	1.20
RLAX30XX-6	DC-6G	30W	SMA/N	1-9/10/20/30/40/50	1.25
RLAX30XX-12.4	DC-12.4G	30W	SMA/N	1-9/10/20/30/40/50	1.35
RLAX30XX-18	DC-18G	30W	SMA/N	1-9/10/20/30/40/50	1.45
RLAX35XX-4	DC-4G	35W	SMA/N	1-9/10/20/30/40/50	1.25
RLAX35XX-6	DC-6G	35W	SMA/N	1-9/10/20/30/40/50	1.25
RLAX35XX-12.4	DC-12.4G	35W	SMA/N	1-9/10/20/30/40/50	1.35
RLAX50XX-4	DC-4G	50W	SMA/N/BNC	1-9/10/20/30/40/50	1.25
RLAX50XX-6	DC-6G	50W	SMA/N/BNC	1-9/10/20/30/40/50	1.25
RLAX50XX-12.4	DC-12.4G	50W	SMA/N	1-9/10/20/30/40/50	1.35
RLAX50XX-18	DC-18G	50W	SMA/N	1-9/10/20/30/40/50	1.45
RLAN100XX-4	DC-4G	100W	N	6-9/10/20/30/40/50/60	1.20
RLAN100XX-6	DC-6G	100W	N	6-9/10/20/30/40/50/60	1.25
RLAN100XX-12.4	DC-12.4G	100W	N	6-9/10/20/30/40/50/60	1.35
RLAN100XX-18	DC-18G	100W	N	6-9/10/20/30/40/50/60	1.45

RLAN150 X X-4	DC-4G	150W	N	6-9/10/20/30/40/50/60	1.20
RLAN150 X X-6	DC-6G	150W	N	6-9/10/20/30/40/50/60	1.25
RLAN150 X X-12.4	DC-12.4G	150W	N	6-9/10/20/30/40/50/60	1.35
RLAN150 X X-18	DC-18G	150W	N	6-9/10/20/30/40/50/60	1.45
RLAN200 X X-4	DC-4G	200W	N	6-9/10/20/30/40/50/60	1.20
RLAN200 X X-6	DC-6G	200W	N	6-9/10/20/30/40/50/60	1.25
RLAN200 X X-12.4	DC-12.4G	200W	N	6-9/10/20/30/40/50/60	1.35
RLAN200 X X-18	DC-18G	200W	N	6-9/10/20/30/40/50/60	1.45
RLAN250 X X-4	DC-4G	250W	N	10/20/30/40/50/60	1.20
RLAN250 X X-6	DC-6G	250W	N	10/20/30/40/50/60	1.25
RLAN250 X X-12.4	DC-12.4G	250W	N	10/20/30/40/50/60	1.35
RLAN250 X X-18	DC-18G	250W	N	10/20/30/40/50/60	1.45
RLAN300 X X-4	DC-4G	300W	N	10/20/30/40/50/60	1.20
RLAN300 X X-6	DC-6G	300W	N	10/20/30/40/50/60	1.25
RLAN300 X X-12.4	DC-12.4G	300W	N	10/20/30/40/50/60	1.35
RLAN300 X X-18	DC-18G	300W	N	10/20/30/40/50/60	1.45
RLAN350 X X-4	DC-4G	350W	N	10/20/30/40/50/60	1.20
RLAN350 X X-6	DC-6G	350W	N	10/20/30/40/50/60	1.25
RLAN350 X X-12.4	DC-12.4G	350W	N	10/20/30/40/50/60	1.35
RLAN400 X X-4	DC-4G	400W	N	20/30/40/50/60	1.20
RLAN400 X X-6	DC-6G	400W	N	20/30/40/50/60	1.25
RLAN400 X X-12.4	DC-12.4G	400W	N	20/30/40/50/60	1.35
RLAN500 X X-4	DC-4G	500W	N	20/30/40/50/60	1.20
RLAN500 X X-6	DC-6G	500W	N	20/30/40/50/60	1.25
RLAN500 X X-12.4	DC-12.4G	500W	N	20/30/40/50/60	1.35
RLAN1000 X X-3	DC-3G	1000W	N	20/30/40/50/60	1.35
RLAN1500 X X-3	DC-3G	1500W	N/7/16	20/30/40/50/60	1.35
RLAN2000 X X-3	DC-3G	1000W	N/7/16	20/30/40/50/60	1.35

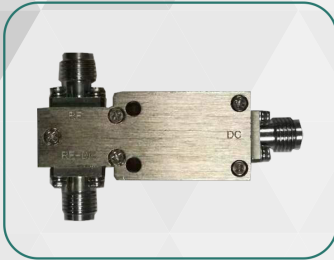
High Frequency Attenuators

P/N	Frequency	Avg. Power	Connector	Attenuations(dB)	VSWR
RLAS2 X X-26.5	DC-26.5G	2W	SMA	1-9/10/20/30	1.25
RLAS5 X X-26.5	DC-26.5G	5W	SMA	1-9/10/20/30	1.25
RLAS10 X X-26.5	DC-26.5G	10W	SMA	1-9/10/20/30	1.25
RLAS20 X X-26.5	DC-26.5G	20W	SMA	10/20/30	1.30
RLAS50 X X-26.5	DC-26.5G	50W	SMA	20/30/40	1.30
RLA2922 X X-40	DC-40G	2W	2.92	1-9/10/20/30	1.25
RLA2925 X X-40	DC-40G	5W	2.92	1-9/10/20/30	1.25
RLA29210 X X-40	DC-40G	10W	2.92	1-9/10/20/30	1.25
RLA29220 X X-40	DC-40G	20W	2.92	3-10/15/20/30	1.30
RLA29230 X X-40	DC-40G	30W	2.92	20/30/40	1.35
RLA29250 X X-40	DC-40G	50W	2.92	20/30/40	1.35
RLA292100 X X-40	DC-40G	100W	2.92	20/30/40	1.40
RLA242 X X-50	DC-50G	2W	2.4	1-9/10/20/30	1.30
RLA245 X X-50	DC-50G	5W	2.4	1-9/10/20/30	1.30
RLA1852 X X-67	DC-67G	2W	1.85	1-9/10/20/30	1.35

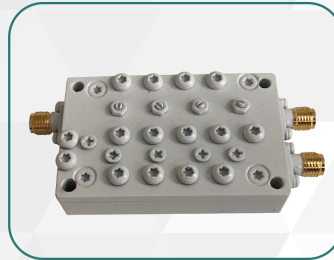
RLA1855XX-67	DC-67G	5W	1.85	1-9/10/20/30	1.40
RLA101XX-110	DC-110G	1W	1.0	3/6/10	1.60

*Reach-line can cooperate with customers for prototype to mass production.

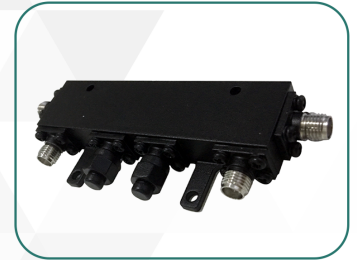
*Benefits for customers: the fastest and flexible to shorten lead time and cost saving.



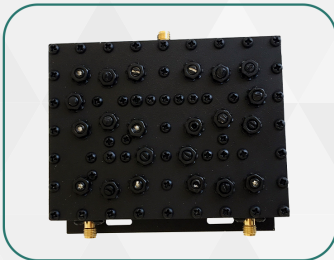
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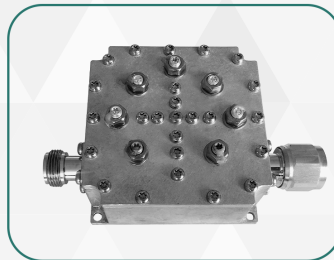
Combiner



Coupler



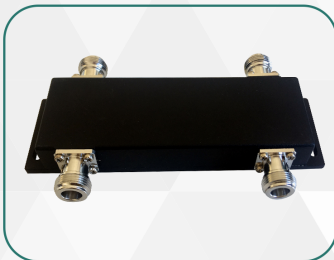
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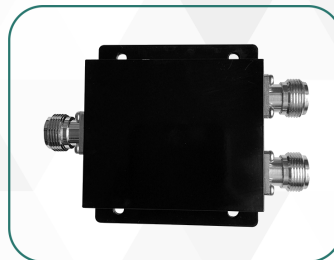
Filter



Horn Antenna



Hybrid



Power divider



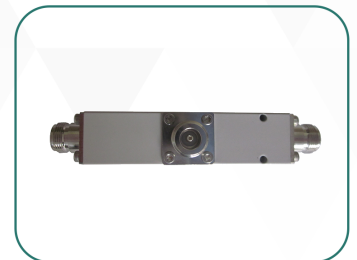
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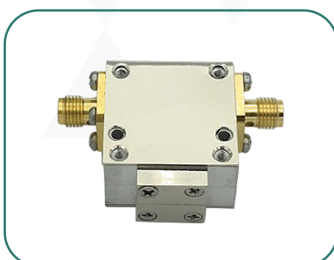
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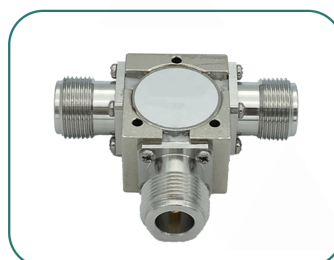
Surge arrestor



Tapper



Isolater



Circulator



POI

18

Years

30+

Countries

220

Satisfied Clients

Xi'an Reach-line Technology Co., Limited

Add: Xi'an City, China

Tel: 86-0-15909206266 (WhatsApp, Wechat, Kakaotalk)

Web: www.reach-line.com

Email: info@reach-line.com