

2021

ESJ Catalogue

Professional manufacturer focus on RF Microwave Components including Power Divider, Circulator, Isolator, Coaxial Adapter, Directional Coupler, Hybrid, Filter, Cable Assemblies etc.

www.esjtechnology.com

PRODUCTS

- **Power Dividers**
- **Directional Hybrid**
- **RF Circulators/Isolators**
- **RF Filters**
- **RF Cables**
- **Cable Assemblies**
- **Coaxial Adapters**

01

Power Divider



2 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector	Size (MM)
PDE2S-0.5-2	0.5-2	2	0.7	1.30	20	20	SMA-F	54*33*10
PDE2S-0.5-6	0.5-6	2	1.2	1.25	20	30	SMA	36*48*12
PDE2S-0.5-8	0.5-8	2	1.8	1.25	20	30	SMA	36*48*12
PDE2S-0.5-18	0.5-18	2	1.5	1.60	16	20	SMA	36*48*12
PDE2S-0.5-26	0.5-26	2	2.4	1.60	17	20	SMA	36*48*12
PDE2S-0.5-40	0.5-40	2	3.6	1.60	18	10	2.92	149.17*19.56*12.7
PDE2S-1-2	1-2	2	0.4	1.20	20	30	SMA	28*28*13
PDE2S-1-4	1-4	2	0.4	1.20	20	30	SMA	28*28*10
PDE2S-2-8	2-8	2	0.8	1.30	18	30	SMA	28*28*10
PDE2S-2-40	2-40	2	1.8	1.60	16	20	2.92	56*26.4*10
PDE2S-2-50	2-50	2	2.4	1.70	18	10	2.4-F	45.49*25.42*12.7
PDE2S-3-6	3-6	2	0.4	1.20	22	30	SMA	34*28*10
PDE2S-4-8	4-8	2	0.5	1.25	22	20	SMA	28*28*10
PDE2S-6-18	6-18	2	0.8	1.40	18	20	SMA	30*24*10
PDE2S-6-40	6-40	2	1.4	1.70	16	20	2.92	26*19*10
PDE2S-18-26	18-26.5	2	0.6	1.50	16	20	2.92	26*19*10
PDE2S-18-40	18-40	2	2.8	1.70	16	20	2.92	26*19*10
PDE2S-27-52	27-52	2	1.8	1.70	14	10	2.92	26*19*10

3 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector	Size (MM)
PDE3S-DC-3	DC~3	3	9.5±0.6	1.25	9.5	2	SMA	25.4*22.2*16
PDE3S-DC-6	DC~6	3	11.0	1.40	9	2	SMA	29.3*25.4*16
PDE3S-0.5-0.7	0.5~0.7	3	0.6	1.30	18	150	SMA	108*86*14
PDE3S-0.5-3	0.5~3	3	1.0	1.30	18	30	SMA	90*48*12
PDE3S-0.5-6	0.5~6	3	2.8	1.50	18	30	SMA, N	130*50*12
PDE3S-0.5-8	0.5~8	3	2.2	1.50	17	20	SMA	160*52*12
PDE3N-0.7-2.7	0.698~2.7	3	0.6	1.25	20	50	N	77*94*19
PDE3N-0.7-6	0.698~6	3	2.0	1.50	18	30	N	130*74*18
PDE3N-0.7-5	0.7~5	3	1.5	1.40	18	30	N	138*74*22
PDE3N-1-3	1~3	3	1.2	1.30	20	30	N	94*72*20
PDE3S-1.1-1.7	1.1~1.7	3	0.5	1.25	20	30	SMA, TNC	68*50*10
PDE3S-2-3	2~3	3	0.5	1.30	18	20	SMA	55*50*12
PDE3S-2-4	2~4	3	0.5	1.30	18	20	SMA	55*50*12
PDE3S-2-8	2~8	3	1.2	1.40	18	20	SMA, N	66.5*37.5*10
PDE3S-2-18	2~18	3	1.6	1.70	16	20	SMA	70*39*10
PDE3S-2.4-2.5	2.4~2.5	3	0.8	1.25	30	20	SMA	48*60*10
PDE3S-6-18	6~18	3	1.2	1.50	18	20	SMA	38*51*10
PDE3S-7-8	7~8	3	1.0	1.30	20	20	SMA	66.5*37.5*10
PDE3S-8-12	8~12	3	1.0	1.40	18	20	SMA	38*51*10
PDE3S-16-18	16~18	3	0.8	1.40	18	20	SMA	38*51*10
PDE3S-18-40	18-40	3	2.1	1.80	16	10	2.92mm	43.18*38.1*12.7
PDE3S-26-31	26~31	3	1.5	1.50	16	20	2.92mm	25.4*39*10

4 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PDE4S-DC-1	DC~1	4	12.8	1.20	11.8	2	SMA
PDE4S-DC-4	DC~4	4	13.5	1.40	11	2	SMA
PDE4S-DC-8	DC~8	4	12±1.5	1.50	12	2	SMA
PDE4S-DC-26.5	DC~26.5	4	15.6	2.60	9	1	SMA
PDE4K-DC-40	DC~40	4	15.6	2.60	8	1	2.92mm
PDE4N-0.38-0.47	0.38~0.47	4	0.4	1.20	20	30	N
PDE4S-0.5-6	0.5~6	4	2.0	1.60	16	50	SMA
PDE4S-0.5-18	0.5~18	4	2.5	2.00	15	30	SMA
PDE4S-0.5-26.5	0.5~26.5	4	5.2	1.60	16	20	SMA
PDE4N-0.7-2.7	0.698~2.7	4	0.8	1.30	20	50	N
PDE4S-1-18	1~18	4	3.0	1.55	16	20	SMA
PDE4S-2-4	2~4	4	0.8	1.25	20	30	SMA, N
PDE4S-2-8	2~8	4	1.2	1.40	18	30	SMA, N
PDE4S-2-18	2~18	4	2.0	1.50	17	20	SMA
PDE4K-2-40	2~40	4	3.0	2.10	15	20	2.92mm
PDE4S-4-8	4~8	4	0.6	1.30	18	30	SMA
PDE4S-6-18	6~18	4	1.2	1.50	18	20	SMA
PDE4S-8-12	8~12	4	1.0	1.40	18	20	SMA
PDE4K-10-40	10~40	4	1.5	1.50	16	20	2.92mm
PDE4S-10-50	10~50	4	2.6	1.70	16	20	2.4mm
PDE4K-18-26.5	18~26.5	4	1.6	1.60	16	20	2.92mm
PDE4K-18-40	18~40	4	1.5	1.50	16	20	2.92mm
PDE4V-25-50	25~50	4	2.0	1.80	15	20	1.85mm
PDE4K-26-31	26~31	4	1.4	1.50	16	20	2.92mm
PDE4K-34-36	34~36	4	1.4	1.50	16	20	2.92mm

6 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PDE6S-DC-1	DC~1	6	16±1.5	1.20	16	1	SMA
PDE6S-DC-6	DC~6	6	17±1	1.50	16	2	SMA
PDE6S-DC-8	DC~8	6	18±1	1.50	16	2	SMA
PDE6S-DC-10	DC~10	6	16±3.5	1.70	-	0.5	SMA
PDE6S-0.5-3	0.5~3	6	2.6	1.50	18	50	SMA
PDE6S-0.5-6	0.5~6	6	4.0	1.50	18	30	SMA, N
PDE6S-0.5-8	0.5~8	6	3.5	1.55	17	20	SMA
PDE6S-0.7-2.7	0.7~2.7	6	1.0	1.30	20	40	SMA
PDE6S-0.8-3	0.8~3	6	1.2	1.30	20	30	SMA
PDE6S-1-2	1~2	6	1.2	1.30	20	30	N
PDE6S-1-8	1~8	6	1.8	1.50	18	20	SMA
PDE6S-2-6	2~6	6	1.0	1.35	20	30	SMA
PDE6S-2-8	2~8	6	1.2	1.35	20	30	SMA
PDE6S-2-18	2~18	6	2.6	1.50	16	20	SMA
PDE6S-4-8	4~8	6	1.0	1.40	20	30	SMA
PDE6S-8-17	8~17	6	1.5	1.70	18	20	SMA
PDE6S-18-40	18-40	6	2.4	1.80	17	10	2.92

8 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PDE8N-DC-2	DC~2	8	22.0	1.30	20	2	N
PDE8S-DC-3	DC~3	8	23.0	1.30	17	2	SMA, N
PDE8S-DC-4	DC~4	8	19.5	1.40	17	2	SMA
PDE8S-DC-6	DC~6	8	18±2.5	1.50	18	2	SMA
PDE8S-DC-8	DC~8	8	20±1.5	1.60	18	2	SMA
PDE8S-DC-18	DC~18	8	23.0	2.50	18	1	SMA
PDE8S-0.2-2	0.2~2	8	2.8	1.30	18	30	SMA
PDE8S-0.2-6	0.2~6	8	6.8	1.35	17	30	SMA
PDE8S-0.4-6	0.4~6	8	3.2	1.35	20	30	SMA
PDE8S-0.4-6-80	0.4~6	8	6.0	1.60	18	80	SMA
PDE8S-0.5-6	0.5~6	8	3.0	1.40	18	30	SMA, N
PDE8S-0.5-8	0.5~8	8	6.0	1.45	18	30	SMA, N
PDE8S-0.5-18	0.5~18	8	6.0	2.00	14	20	SMA
PDE8S-0.6-8	0.6~8	8	3.6	1.40	20	30	SMA
PDE8S-0.7-3	0.7~3	8	1.2	1.30	20	30	SMA, N
PDE8N-0.7-4	0.7~4	8	1.8	1.30	20	30	N
PDE8S-0.75-1.71	0.75~1.71	8	0.6	1.20	20	30	SMA
PDE8N-0.8-2.7	0.8~2.7	8	1.5	1.30	20	30	N
PDE8S-0.8-4.2	0.8~4.2	8	1.8	1.40	20	30	SMA
PDE8S-0.8-5	0.8~5	8	1.5	1.40	20	20	SMA

8 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PDE8S-1-3	1~3	8	1.0	1.30	18	30	SMA
PDE8S-1-6	1~6	8	1.6	1.30	20	30	SMA
PDE8S-1-18	1~18	8	4.0	1.80	15	20	SMA
PDE8T-1.1-1.7	1.1~1.7	8	0.8	1.25	22	30	TNC
PDE8N-1.85-2.7	1.85~2.7	8	0.8	1.30	18	250	N
PDE8S-1.5-6	1.5-6	8	2.1	1.60	16	10	SMA
PDE8S-2-6	2~6	8	1.2	1.30	18	30	SMA, N
PDE8S-2-8	2~8	8	1.5	1.35	18	30	SMA
PDE8S-2-18	2~18	8	3.2	1.60	16	20	SMA
PDE8S-2-26.5	2~26.5	8	3.2	1.90	16	20	SMA
PDE8K-2-26.5	2~26.5	8	3.2	1.90	16	20	2.92mm
PDE8S-4-8	4~8	8	0.8	1.35	18	30	SMA
PDE8S-4-12	4~12	8	1.5	1.50	18	20	SMA
PDE8S-4-18	6~18	8	2.4	1.80	17	50	SMA
PDE8S-6-8	6~18	8	2.4	1.80	15	100	SMA
PDE8K-6-43.5	6~43.5	8	3.2	2.20	15	20	2.92mm
PDE8S-8-9	8~9	8	1.5	1.35	18	100	SMA
PDE8S-8-12	8~12	8	1.4	1.40	18	20	SMA
PDE8S-9-11	9~11	8	1.2	1.40	18	20	SMA
PDE8U-9-45	9~45	8	7.0	1.40	15	0.1	2.4mm
PDE8K-18-40	18~40	8	3.2	1.70	16	20	2.92mm
PDE8K-18-26	18.6~26.5	8	2.4	1.80	15	20	2.92mm
PDE8S-10-40	10-40	8	3.6	1.85	15	10	2.92mm

10 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PDE10S-0.5-6	0.5~6	10	5.8	1.50	18	30	SMA
PDE10S-0.6-6	0.6~6	10	3.5	1.50	18	30	SMA

12 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PDE12S-DC-5	DC-5	12	24.5	1.30	20	2	SMA
PDE12S-0.5-8	0.5-8	12	5.0	1.60	16	20	SMA
PDE12S-0.6-6	0.6-6	12	5.0	1.50	18	30	SMA
PDE12S-0.7-6	0.7-6	12	4.3	1.60	16	30	SMA
PDE12N-1-2	1-2	12	1.5	1.40	20	30	N
PDE12S-2-6	2-6	12	2.2	1.50	18	30	SMA
PDE12S-2-8	2-8	12	1.6	1.45	18	30	SMA
PDE12S-2-18	2-18	12	4.2	1.80	15	20	SMA
PDE12S-4.9-5.2	4.9-5.2	12	1.0	1.40	20	30	SMA
PDE12S-5-6	5-6	12	1.6	1.22	20	20	SMA
PDE12S-6-18	6-18	12	2.0	1.80	16	20	SMA
PDE12S-8-12	8-12	12	1.5	1.70	16	20	SMA

15 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PDE15S-DC-6	DC-6G	15	21.0	1.60	-	4	SMA

16 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PDE16S-DC-3	DC-3	16	24±2.5	1.40	24	2	SMA
PDE16S-0.3-4	0.3-4	16	4.0	1.45	18	30	SMA
PDE16S-0.38-6	0.38-6	16	6.8	1.50	18	30	SMA, N
PDE16S-0.4-6	0.4-6	16	5.0	1.50	18	30	SMA
PDE16S-0.5-3	0.5-3	16	3.0	1.60	18	50	SMA, N
PDE16S-0.5-6	0.5-6	16	4.8	1.50	18	30	SMA, N
PDE16N-0.6-3	0.6-3	16	2.2	1.40	20	30	N
PDE16S-0.6-6	0.6-6	16	4.5	1.50	18	30	SMA
PDE16S-0.7-3	0.7-3	16	1.8	1.40	20	30	SMA, N
PDE16N-0.7-6	0.7-6	16	3.8	1.50	18	30	N, TNC
PDE16N-0.8-5	0.8-5	16	3.5	1.40	18	50	N
PDE16S-1-2	1-2	16	1.2	1.30	25	30	SMA
PDE16S-1-4	1-4	16	1.6	1.40	20	30	SMA, N
PDE16S-1-6	1-6	16	2.5	1.45	20	30	SMA
PDE16S-1-18	1-18	16	6.5	2.00	15	20	SMA

16 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PDE16S-2-3	2-3	16	1.2	1.30	20	30	SMA
PDE16S-2-4	2-4	16	0.6	1.35	18	30	SMA
PDE16S-2-6	2-6	16	2.0	1.30	18	30	SMA
PDE16S-2-18	2-18	16	5.0	2.00	15	20	SMA
PDE16S-2.49-2.69	2.49-2.69	16	1.0	1.25	20	30	SMA
PDE16S-5-12	5-12	16	4.0	1.80	16	20	SMA
PDE16S-5-18	5-18	16	5.0	2.00	15	20	SMA
PDE16S-6-18	6-18	16	1.8	1.60	17	20	SMA
PDE16S-8-12	8-12	16	1.8	1.50	18	20	SMA
PDE16S-6-26.5	6-26.5	16	4.4	1.70	16	20	SMA
PDE16S-6-40	6-40	16	5.5	1.70	16	10	2.92mm
PDE16S-10-26.5	10-26.5	16	4.4	1.70	18	20	SMA
PDE16S-10-40	10-40	16	5.5	1.70	16	10	2.92mm
PDE16S-18-26.5	18-26.5	16	3.8	1.60	16	20	SMA
PDE16S-18-40	18-40	16	5.0	1.80	17	10	2.92mm

24 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PED24S-0.5-3	0.5-3	24	2.8	1.5	18	20	SMA
PED24S-1.3-1.6	1.3-1.6	24	1.4	1.35	20	20	SMA
PED24S-0.6-2.4	0.6-2.4	24	2	1.5	20	50	SMA

32 Way Power Divider

Model	Frequency Range (GHz)	Way	Insertion Loss(dB)	VSWR	Isolation (dB)	Power (Watts)	Connector
PDE32S-0.4-0.49	0.4-0.49	32	1.6	1.25	22	30	SMA
PDE32S-0.7-0.3	0.7-0.3	32	2.0	1.40	18	30	SMA
PDE32N-0.7-0.4	0.7-4	32	2.8	1.50	18	100	N
PDE32S-1-2	1-2	32	1.4	1.40	18	30	SMA
PDE32N-1-4	1-4	32	2.2	1.50	18	100	N

02

RF Circulator / Isolator



Coaxial Circulator / Isolator 300-1500MHz

Freq.Range (MHz)	Insertion Loss (dB)	Isolation (dB)	VSWR	Forward Power(W)	Connector Type	Temperature (°C)	Dimension L*W*H(mm)
300- 500	0.5	20	1.25	500	N Female	-30~+70	56×53×20
400- 450	0.4	20	1.25	500	N Female	-30~+70	56×53×20
850- 1000	0.4	20	1.25	500	N Female	-30~+70	56×53×20
960- 1215	0.4	20	1.25	300	N Female	-30~+70	56×53×20
1200- 1400	0.3	23	1.20	300	N Female	-30~+70	56×53×20

Coaxial Circulator / Isolator 2-8GHz

Freq.Range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR	Forward Power(W)	Connector Type	Temperature (°C)	Dimension L*W*H(mm)
2.0- 2.7	0.5	18	1.3	100	SMA Female	-30~+70	28×25×15
2.5- 2.7	0.3	23	1.20	200	N Female	-30~+70	28×25×15
2.7- 3.1	0.4	20	1.25	100	SMA Female	-30~+70	28×25×15
2.7- 6.2	0.8	16	1.4	200	SMA Female	-30~+70	28×25×15
3.0- 3.6	0.4	20	1.25	100	SMA Female	-30~+70	28×25×15
3.0- 6.0	0.6	18	1.35	200	SMA Female	-30~+70	28×25×15
3.4- 4.2	0.4	20	1.25	100	SMA Female	-30~+70	28×25×15
4.0- 4.6	0.4	20	1.25	100	SMA Female	-30~+70	28×25×15
4.0- 5.0	0.5	18	1.3	60	SMA Female	-30~+70	23×15×14
4.0- 8.0	0.6	18	1.35	60	SMA Female	-30~+70	23×21×15
4.4- 5.0	0.4	20	1.25	100	SMA Female	-30~+70	28×25×15
4.7- 5.1	0.6	20	1.25	300	N Female	-30~+70	25×25×18
5.0- 6.0	0.4	20	1.25	60	SMA Female	-30~+70	25×25×18
5.8- 7.2	0.5	18	1.35	60	SMA Female	-30~+70	23×15×14
7.0- 8.0	0.6	20	1.25	300	N Female	-30~+70	25×25×18

Coaxial Circulator / Isolator 8-40GHz

Freq.Range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR	Forward Power(W)	Connector Type	Temperature (°C)	Dimension L*W*H(mm)
8.0- 12.0	0.5	18	1.3	60	SMA Female	-30~+70	18×13×14
9.0-11.0	0.4	20	1.20	60	SMA Female	-30~+70	18×13×14
12.0- 18.0	0.5	18	1.3	60	SMA Female	-30~+70	18×13×14
13.75- 14.5	0.3	23	1.20	60	SMA Female	-30~+70	18×13×14
16.0- 18.0	0.5	20	1.25	60	SMA Female	-30~+70	18×13×14
18.0- 20.0	0.5	20	1.25	60	SMA Female	-30~+70	18×13×14
24.25- 27.5	0.6	18	1.3	30	SMA Female	-30~+70	18×13×14
26.5- 40.0	1.2	15	1.5	10	2.92mm Female	-30~+70	18×13×13

03

Directional Hybrid



90° Hybrid

Model No.	Nominal Phase Shift (Degree)	Frequency Range (GHz)	VSWR Max.	Insertion Loss Max.(dB)	Amplitude Balance Max.(dB)	Phase Balance Max.(Deg.)	Isolation Min.(dB)	Dimension L x W x H mm		
HE9-0.4-4.5	90	0.4-4.5	1.3	1.5	±0.7	±6	20	237	30	10
HE9-0.5-3	90	0.5-3	1.3	0.9	±0.6	±3	20	26	186.2	10
HE9-0.5-9	90	0.5-9	1.4	1.5	±0.7	±5	19	216.4	35.6	12.7
HE9-0.7-6	90	0.7-6	1.3	1.1	±0.6	±5	20	150	26	10
HE9-1-6	90	1-6	1.3	0.9	±0.4	±4	18	109	26	10
HE9-1-12.4	90	1-12.4	1.4	1.4	±0.8	±6	17	117.6	31.8	12.7
HE9-1-18	90	1-18	1.4	2	±0.8	±8	17	117.6	31.8	12.7
HE9-2-8	90	2-8	1.25	0.8	±0.5	±5	20	26	63	10
HE9-2-12.4	90	2-12.4	1.3	1	±0.6	±5	18	72.4	33	12.7
HE9-2-18	90	2-18	1.5	1.6	±0.7	±8	17	33	72.4	12.7
HE9-2-26.5	90	2-26.5	1.6	2	±1.1	±10	13	72.4	33	12.7
HE9-4-12.4	90	4-12.4	1.4	1	±0.5	±4	18	72.4	33	12.7
HE9-4-18	90	4-18	1.6	1.2	±0.5	±6	17	56	26	12.7
HE9-4-26.5	90	4-26.5	1.7	1.8	±0.9	±10	14	56	26	12.7
HE9-6-18	90	6-18	1.5	1.1	±0.5	±4	17	26	36	10
HE9-6-26.5	90	6-26.5	1.6	1.8	±0.7	±8	15	43.7	21.9	12.7
HE9-6-40	90	6-40	1.8	2	±1.2	±10	14	43.7	21.9	12.7
HE9-10-26.5	90	10-26.5	1.6	1.5	±0.7	±6	16	43.7	21.9	12.7
HE9-10-40	90	10-40	1.8	2	±0.9	±10	12	43.7	21.9	12.7
HE9-18-40	90	18-40	1.7	2	±0.6	±9	14	43.7	21.9	12.7

180° Hybrid

Model	Nominal Phase Shift (Degree)	Frequency Range (GHz)	VSWR Max.	Insertion Loss Max.(dB)	Amplitude Balance Max.(dB)	Phase Balance Max.(Deg.)	Isolation Min.(dB)	Dimension L x W x H mm		
HE8-0.7-6	180	0.76-6	1.3	2.3	±0.8	±8	20	168.9	41.7	12.7
HE8-0.7-12.4	180	0.76-12.4	1.6	3.3	±0.8	±10	17	168.9	41.7	12.7
HE8-0.7-18	180	0.76-18	1.6	5.1	±1.1	±12	18	168.9	41.7	12.7
HE8-1-6	180	1-6	1.4	1.6	±0.4	±7	20	150	44.5	12.7
HE8-1-12.4	180	1-12.4	1.6	2.4	±0.8	±9	17	150	44.5	12.7
HE8-1-18	180	1-18	1.7	2.9	±1.0	±12	15	150	44.5	12.7
HE8-2-12.4	180	2-12.4	1.5	1.8	±0.5	±8	17	34.3	77.2	12.7
HE8-2-18	180	2-18	1.6	2	±0.7	±9	16	34.3	77.2	12.7
HE8-4-12.4	180	4-12.4	1.5	1.5	±0.4	±6	18	34.3	77.2	12.7
HE8-4-18	180	4-18	1.6	2.4	±0.7	±8	16	34.3	77.2	12.7
HE8-6-12.4	180	6-12.4	1.4	1.4	±0.5	±5	18	40	40.6	12.7
HE8-6-18	180	6-18	1.6	1.5	±0.6	±8	16	40	40.6	12.7
HE8-6-26.5	180	6-26.5	1.7	1.8	±0.7	±10	15	40	40.6	12.7
HE8-6-40	180	6-40	1.9	3	±1.2	±12	13	40.6	40	12.7
HE8-10-40	180	10-40	1.8	3.5	±1.2	±12	15	40	40.6	12.7
HE8-18-40	180	18-40	1.8	2.9	±1.2	±12	15	40	40.6	12.7
HE8-26.5-40	180	26.5-40	1.8	3	±1	±8	17	40	40.6	12.7

04

RF Filter



Band Pass Filter

Model No.	Frequency Range (MHz)	Center Frequency (MHz)	Insertion Loss (dB)	VSWR	Rejection	Connector	Dimension LxWxH(mm)
BFE-160-20	150-170	160	≤1.0dB	≤1.5	≥30dBc@140MHz	N-Female	316*156*56
					≥36dBc@180MHz		
BFE-330-30	315-345	330	≤0.8dB	≤1.25	≥40dBc@F0±35MHz	SMA-Female	126*72*70
BFE-1290-1820	380-2200	1290	≤1.5dB	≤1.8	≥30dB@DC-0.1GHz ≥30dB@3.2-6GHz	SMA-Female	90.6*34*12.7
BFE-600-400	400-800	600	≤1.5dB	≤2.0	≥50dB@300MHz	SMA-Female	186*145*34
					≥50dB@900MHz		
BFE-860-18	851-869	860	<2.1dB	<1.50	≥52dB@849MHz	N-Female	258*180*51
					≥40dB@871MHz		
BFE-882-25	869-894	882.5	≤1.2dB	≤1.3	≥50dB@DC-864MHz	SMA-Female	194*72*49
					≥50dB @ 899-2500MHz		
BFE-1050-450	850-1300	1050	≤1.5 dB	≤1.7	≥50dB@700MHz	SMA-Female	141*82*18
					≥50dB@1450MHz		
BFE-890-25	890-915	902.5	≤1.0dB	≤1.2	≥55dB@870-880MHz	SMA-Female	120*90*46
					≥40dB@925-960MHz		

Band Pass Filter

Model No.	Frequency Range (MHz)	Center Frequency (MHz)	Insertion Loss (dB)	VSWR	Rejection	Connector	Dimension LxWxH(mm)
BFE-1176-24	1164.45-1188.45	1176	≤1.0dB	≤1.3	≥100dB@1096.45MHz	SMA-Female	82*56*27
					≥100dB@1307.6MHz		
BFE-1747-75	1710-1785	1747.5	≤1.0dB	≤1.3	≥30dB@DC-1700MHz	SMA-Female	97*51*25
					≥30dB@1795-2500MHz		
BFE-1400-160	1320-1480	1400	≤4.0dB	≤1.3	≥60dB@DC-975MH	SMA-Female	139*32*18
					≥40dB@1875-4000MHz		
BFE-1904-22	1893-1915	1904	≤1.1dB	≤1.2	≥47dB @1805-1883MHz	SMA-Female	136*92*31
					≥47dB @ 1925-1980MHz		
BFE-2300-80	2260-2340	2300	≤0.8dB	≤1.3	≥70dB@2500-3500MHz	SMA-Female	68*44*28
					≥70dB@DC-2100MHz		
BFE-2586-172	2500-2672	2586	≤1.5dB	≤1.3	≥35dB@2480MHz	N-Female	122*56*40
					≥40dB@2715MHz		
BFE-3460-20	3450-3470	3460	≤1.0dB	≤1.3	≥80dB@1000-3380MHz	SMA-Female	89*47*19
					≥80dB@3540-4500MHz		
BFE-5601-60	5031-5091	5601	≤2.5dB	≤1.5	≥65dB@4650MHz	SMA-Female	26.5*23*6
BFE-8150-500	7900-8400	8150	≤0.6dB	≤1.35	≥60dB@7250-7750MHz	SMA-Female	41*25*13
BFE-10500-100	10450-10550	10500	≤2.0dB	≤1.5	≥50dB@10200MHz	SMA-Female	81*17*11
					≥50dB@10800MHz		

Band Stop Filter

Model No.	Band Reject Frequency (MHz)	Band Pass Frequency (MHz)	Rejection Min. (dB)	VSWR	Insertion Loss (dB)	Max.Power	Connector	Dimension LxWxH(mm)
SFE-440-452	440~452	DC~420 475~1000	35	1.5	1	50	SMA	323×111×58.5
SFE-460-520	460~520	DC~402 578~2000	65	1.8	2.5	2	SMA	40.4×12×10
SFE-610-638	610~638	50~576 678~800	40	2.5	1.8	5	SMA, N	35×25×20
SFE-791-821	791~821	DC~700 832~2000	40	1.5	1.5	50	SMA, N	280×140×48
SFE-832-837	832~837	DC~822 847~1500	40	2	1.5	50	SMA	255×88×53
SFE-868-870	868~870	DC~821 925~1200	50	1.3	0.5	50	SMA	158×67×43
SFE-930-965	930~965	DC~900 995~2200	40	2	1.5	50	SMA	295×67×43
SFE-1020-1100	1020~1100	DC~920 1200~2100	45	2	1.5	5	SMA	165×111×51

Band Stop Filter

Model No.	Band Reject Frequency (MHz)	Band Pass Frequency (MHz)	Rejection Min. (dB)	VSWR	Insertion Loss (dB)	Max.Power	Connector	Dimension LxWxH(mm)
SFE-1025-1035	1025~1035	500-930 1100-3000	40	2	2	100	SMA	202.2×152.4×41.9
SFE-1258-1278	1258~1278	DC~1208 1328~3000	45	2	1.5	50	SMA	161×68×16
SFE-1557-1615	1557~1615	DC~1450 1730~3000	45	2	1.5	50	SMA	147×68×16
SFE-1700-1900	1700~1900	DC~1550 2050~4500	40	2	1.5	50	SMA,N	209×60×26
SFE-1897-1903	1897~1903	DC~1885 1915~3000	40	2	1.5	50	SMA	129×70×18
SFE-2100-2180	2100~2180	DC~2050 2230~5000	40	2	1.5	50	SMA,N	179×57×21
SFE-2320-2370	2320~2370	DC~2200 2490~6000	40	2	1.5	50	SMA	120×69×16
SFE-2400-2483	2400~2483	DC~2300 2583~5000	40	2	1.5	50	SMA	122×55×13
SFE-2592-2598	2592~2598	DC~2580 2610~3000	40	2	1.5	50	SMA	120×70×18
SFE-3600-3800	3600~3800	DC~3350 4050~7000	50	2	1.5	50	SMA	172×35×16

High Pass Filter

Part Number	Frequency Range (MHz)	Insertion Loss (dB)	VSWR	Rejection	Connector type	Dimension LxWxH(mm)
HFE-1.6-6	1600-6000MHz	≤1.0	≤2.0	≥50dB@DC-1100MHz	SMA-F	50×60×12.7
HFE-2-6	2.0-6.0GHz	≤1.5	≤2.0	≥45dB @DC-1654MHz	SMA, N	37×34×20
HFE-4-18	4.0-18.0GHz	≤1.5	≤2.0	≥50dB @DC-2.7GHz	SMA-F	30×25×11
HFE-4.5-15	4500-15000MHz	≤1.0	≤2.0	≥50dB@DC-3000MHz	SMA-F	36×30×17
HFE-2.5-13	2500-13000MHz	≤1.0	≤2.0	≥50dB@DC-2000MHz	SMA-F	46×34×17
HFE-5061-60	5031-5091MHz	≤2.5	≤1.5	≥65dB@4650MHz	SMA-F	26.5×23×6
HFE-5-6.25	5-6.25GHz	≤2.5	≤1.3	≥80dB@DC-4.625GHz	SMA-F	95×26.5×13
HFE-6875-1250	6.12-7.5GHz	≤2.5	≤1.3	≥80dB@DC-5.875GHz	SMA-F	95×26.5×13
HFE-8-18	8.0-18.0GHz	≤1.2	≤2.0	≥50dB @DC-6.8GHz	SMA-F	27×23×12
HFE-8.75-10	8.75-10GHz	≤2.5	≤1.3	≥80dB@DC-8.37GHz	SMA-F	95×26.5×13
HFE-10-18	10.0-18.0GHz	≤1.2	≤2.0	≥50dB @DC-8.5GHz	SMA-F	28×25×12

Low Pass Filter

Model No.	Pass Band (MHz)	Insertion Loss (dB)	VSWR	Rejection	Power (W)	Connector	Temp. (°C)	Dimension LxWxH(mm)
LFE-DC-1500	DC-490	0.5	1.3	45dB @850MHz	100	N,SMA	-40~+85	180×26×20
	DC-500	1.5	1.5	40dB @700~2000MHz	50	N,SMA	-25~+55	
	DC-1500	1.5	1.5	40dB @1700~3000MHz	50	N,SMA	-25~+55	
LFE-DC-894	DC-894	1	1.45	70dB @1760~2668MHz	5	SMA	-40~+85	45×20×12
LFE-DC-900	DC-900	1.2	1.8	50dB @1.2~2.0GHz	30	SMA	-40~+85	88.5×63×12
LFE-DC-1000	DC-1000	1.5	1.5	50dB @1.4~1.9GHz	30	SMA	-40~+85	190×48×12
LFE-DC-1800	DC-1800	0.2	1.5	20dB @3220~3253MHz	10	SMA	-40~+85	64×20×16
				25dB @4830~4879.5MHz				
				30dB @6440~6506MHz				
LFE-DC-2000	DC-2000	1	1.8	50dB @2.3~2.4GHz	30	SMA	-40~+85	50×38×12
LFE-DC-2170	DC-2170	1.5	1.5	40dB @2.4~2.5GHz	100	N, SMA	-40~+85	172×27.6×21.6
LFE-DC-2200	DC-2200	0.55	1.5	40dB @4400~6000MHz	100	N,SMA	-40~+85	94×26×21
LFE-DC-2250	DC-2250	1	1.8	40dB @2580~8000MHz	100	SMA, N	-30~+70	165.5×25×20
LFE-DC-2300	DC-2300	1	1.8	40dB @2700~6000MHz	10	SMA	-40~+85	46×30×12
LFE-DC-2600	DC-2600	1.5	1.8	30dB @3100~15000MHz	10	SMA	-40~+85	81×32×12

Low Pass Filter

Model No.	Pass Band (MHz)	Insertion Loss (dB)	VSWR	Rejection	Power (W)	Connector	Temp. (°C)	Dimension LxWxH(mm)
LFE-DC-2850	DC-2850	1.5	1.8	45dB @3.2~18.0GHz	5	SMA	-40~+85	80×32×12
LFE-DC-3000	DC-3000	1	1.8	50dB @3.5~6.0GHz	30	SMA	-40~+85	48×32×12
LFE-DC-3600	DC-3600	1	1.8	45dB @4.3~8.0GHz	100	SMA, N	-30~+70	99.5×23×18
LFE-DC-4000	DC-4000	1	1.8	50dB @4.7~8.0GHz	30	SMA	-40~+85	41×25×12
LFE-DC-5000	DC-5000	1	1.8	50dB @5.8~10.0GHz	30	SMA	-40~+85	33×25×12
				20dB @5.4~5.8GHz				
				25dB @10.0~13GHz				
LFE-DC-7000	DC-7000	1	1.8	50dB @8.1~14.0GHz	30	SMA	-40~+85	33×22×12
LFE-DC-8000	DC-8000	1	1.8	50dB @9.3~15.0GHz	30	SMA	-40~+85	30×22×12
LFE-DC-9000	DC-9000	1	2	50dB @12.0~16.0GHz	30	SMA	-40~+85	25×22×12
LFE-DC-10000	DC-10000	1	2	50dB @12.0~16.0GHz	30	SMA	-40~+85	25×22×12
LFE-DC-12000	DC-12000	1	2	50dB @14.0~20.0GHz	15	SMA	-40~+85	24×19×10
LFE-DC-13000	DC-13000	1	2	50dB @15.0~17.0GHz	30	SMA	-40~+85	23×19×12

05

RF Cable



A series (High Tempe. & Anti-torsion)

Model	Cable Outer Diameter (mm)	Operation Frequency (GHz)	Insertion Loss(dB/M)	Loss(dB/M @18GHz)	Temperature
CEA460	4.6	26.5	1.949	1.583	-55 ~ +165°C
CEA520	5.2	26.5	1.55	1.255	-55 ~ +165°C
CEA630	6.35	18	1.022	1.022	-55 ~ +165°C

B Series (Low Loss & Phase Stable)

Model	Cable Outer Diameter (mm)	Operation Frequency (GHz)	Insertion Loss(dB/M)	Loss(dB/M @18GHz)	Temperature
CEB220	2.2	67	6.131	2.871	-55 ~ +165°C
CEB230	2.3	67	6.02	2.877	-55 ~ +165°C
CEB330P	3.6	50	3.285	1.918	-55 ~ +165°C
CEB360	3.6	40	2.557	1.666	-55 ~ +165°C
CEB370	3.7	40	2.205	1.430	-55 ~ +165°C
CEB470	4.7	33	1.67	1.217	-55 ~ +165°C
CEB500	5.2	26.5	1.252	1.019	-55 ~ +165°C
CEB550	5.5	26.5	1.215	0.986	-55 ~ +165°C
CEB800	7.8	18	0.671	0.671	-55 ~ +165°C

E Series (Ultra Flexible & Pendulous)

Model	Cable Outer Diameter (mm)	Operation Frequency (GHz)	Insertion Loss(dB/M)	Loss(dB/M @18GHz)	Temperature
CEE360	3.85	40	3.068	1.939	-55 ~ +165°C
CEE500	5.2	26.5	1.544	1.256	-55 ~ +165°C
CEE800	8	18	0.855	0.855	-55 ~ +165°C

F Series (Low Loss & Econmical)

Model	Cable Outer Diameter (mm)	Operation Frequency (GHz)	Insertion Loss(dB/M)	Loss(dB/M @18GHz)	Temperature
CEF280	2.6	26.5	3.721	2.959	-55 ~ +165°C
CEF350	3.5	18	1.757	1.757	-55 ~ +165°C
CEF500	5.2	18	0.971	1.16	-55 ~ +165°C
CEF600	5	18	1.02	1.23	-55 ~ +165°C
CEF750	7.8	13.5	0.642	/	-55 ~ +165°C

G Series (Ultra Flexible & Economical)

Model	Cable Outer Diameter (mm)	Operation Frequency (GHz)	Insertion Loss(dB/M)	Loss(dB/M @18GHz)	Temperature
CEG250	2.5	26.5	3.32	0.053	-55 ~ +165°C
CEG400	4	18	2.441	2.441	-55 ~ +165°C
CEG600	6	13.5	1.214	/	-55 ~ +165°C
CEG850	8.2	13.5	0.674	/	-55 ~ +165°C

Z Series (Soft & Economical)

Model	Cable Outer Diameter (mm)	Operation Frequency (GHz)	Insertion Loss(dB/M)	Loss(dB/M @18GHz)	Temperature
CEZ250	2.5	26.5	4.161	3.321	-55 ~ +165°C
CEZ360	3.6	40	3.888	2.449	-55 ~ +165°C
CEZ500	5.2	26.5	2.521	1.98	-55 ~ +165°C
CEZ800	8	18	1.019	1.019	-55 ~ +165°C
CEZ147A	3.98	26.5	2.113	1.716	-55 ~ +165°C
CEZ147B	3.98	26.5	2.194	1.783	-55 ~ +165°C
CEZ210A	5.5	26.5	1.513	1.222	-55 ~ +165°C
CEZ210B	5.5	26.5	1.543	1.249	-55 ~ +165°C

06

Cable Assemblies



VNA Cable Assemblies with Armor

Specifications				
Frequency	67GHz	50GHz	40GHz	26.5GHz
Connector Type	1.85mm	2.4mm	2.92mm	3.5mm
Assemblies Length(m)	630mm	630mm	630mm	630mm
Loss (dB)	<5dB	<2.72dB	<2.35dB	<1.89dB
VSWR	<1.50	<1.30	<1.30	<1.30
Power(W)	10W	55W	61W	76W
Phase Matching Accuracy (°)	<±20°	<±10°	<±5°	<±4°
Mechanical Phase	<±10°	<±8°	<±5°	<±4°
Amplitude Stability	<±0.2dB	<±0.1dB	<±0.05dB	<±0.05dB
Armor Type	VNA	VNA	VNA	VNA
Armor Color	Black	Black	Black	Black
Armor Diameter (mm)	14.5mm	14.5mm	14.5mm	14.5mm
Armor Compression Resistance (N)	230N/25mm	230N/25mm	230N/25mm	230N/25mm
Bending Radius of Armor (mm)	70mm	70mm	70mm	70mm
Connector Retention (lbs)	>175	>175	>175	>175
Interpolation Times	>10000	>10000	>10000	>10000
Working temperature(°C)	-55~+85°C	-55~+85°C	-55~+85°C	-55~+85°C

Cable Assemblies With PTFE Armor

Specifications				
Frequency	67GHz	50GHz	40GHz	26.5GHz
Connector Type	1.85mm	2.4mm	2.92mm	3.5mm
Assemblies Length(m)	1000mm	1000mm	1000mm	1000mm
Loss (dB)	7.5dB	4dB	3.5dB	2.8dB
VSWR	<1.40	4dB	<1.30	<1.30
Power(W)	10W	55W	61W	76W
Phase Matching Accuracy (°)	<±20°	<±10°	<±5°	<±4°
Mechanical Phase	<±10°	<±8°	<±5°	<±4°
Amplitude Stability	<±0.2dB	<±0.1dB	<±0.05dB	<±0.05dB
Armor Type	PTFE	PTFE	PTFE	PTFE
Armor Color	Black&Red or Purple&Black	Black&Red or Purple&Black	Black&Red or Purple&Black	Black&Red or Purple&Black
Armor Diameter (mm)	6.1mm	6.1mm	6.1mm	6.1mm
Armor Compression Resistance (N)	100N/25mm	100N/25mm	100N/25mm	100N/25mm
Bending Radius of Armor (mm)	25mm	25mm	25mm	25mm
Connector Retention (lbs)	>175lbs	>175lbs	>175lbs	>175lbs
Interpolation Times	>10000	>10000	>10000	>10000
Working temperature(°C)	-55~+125°C	-55~+125°C	-55~+125°C	-55~+125°C

Ultra Flexible Test Cable Without Armor

Specifications			
Frequency	40GHz	26.5GHz	18GHz
Connector Type	2.92mm	SMA	N
Assemblies Length (m)	1000mm	1000mm	1000mm
Loss (dB)	4.5dB	3dB	2.4dB
VSWR	<1.35	<1.30	<1.30
Power (W)	16W	20W	30W
Phase Matching Accuracy(°)	<±20°	<±15°	<±10°
Mechanical Phase	<±10°	<±8°	<±5°
Amplitude Stability	<±0.15dB	<±0.15dB	<±0.1dB
Armor Type	N/A	N/A	N/A
Cable Color	Blue	Blue	Blue
Connector Retention (lbs)	>100	>120	>160
Interpolation Times	>5000	>5000	>5000
Working Temperature (°C)	-55~+85°C	-55~+85°C	-55~+85°C

07

Coaxial Adaptor



In Series Coaxial Adapters

P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
1.85M-1.85M	1.85mm Male	1.85mm Male	DC-67GHz	Stainless steel	≅ 1.15	Straight
1.85M-1.85F	1.85mm Male	1.85mm Female	DC-67GHz	Stainless steel	≅ 1.15	Straight
1.85F-1.85F	1.85mm Female	1.85mm Female	DC-67GHz	Stainless steel	≅ 1.15	Straight
1.85F-1.85F-B	1.85mm Female	1.85mm Female	DC-67GHz	Stainless steel	≅ 1.20	Bulkhead
1.85F-1.85F-F	1.85mm Female	1.85mm Female	DC-67GHz	Stainless steel	≅ 1.20	Flange
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
2.4M-2.4M	2.4mm Male	2.4mm Male	DC-50GHz	Stainless steel	≅ 1.15	Straight
2.4M-2.4F	2.4mm Male	2.4mm Female	DC-50GHz	Stainless steel	≅ 1.15	Straight
2.4F-2.4F	2.4mm Female	2.4mm Female	DC-50GHz	Stainless steel	≅ 1.15	Straight
2.4F-2.4F-B	2.4mm Female	2.4mm Female	DC-50GHz	Stainless steel	≅ 1.20	Bulkhead
2.4F-2.4F-F	2.4mm Female	2.4mm Female	DC-50GHz	Stainless steel	≅ 1.20	Flange
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
2.92M-2.92M	2.92mm Male	2.92mm Male	DC-40GHz	Stainless steel	≅ 1.15	Straight
2.92M-2.92F	2.92mm Male	2.92mm Female	DC-40GHz	Stainless steel	≅ 1.15	Straight
2.92F-2.92F	2.92mm Female	2.92mm Female	DC-40GHz	Stainless steel	≅ 1.15	Straight
2.92M-2.92M-R	2.92mm Male	2.92mm Male	DC-40GHz	Stainless steel	≅ 1.25	Right Angle
2.92M-2.92F-R	2.92mm Male	2.92mm Female	DC-40GHz	Stainless steel	≅ 1.25	Right Angle
2.92F-2.92F-R	2.92mm Female	2.92mm Female	DC-40GHz	Stainless steel	≅ 1.25	Right Angle
2.92F-2.92F-F	2.92mm Female	2.92mm Female	DC-40GHz	Stainless steel	≅ 1.20	Flange

In Series Coaxial Adapters

P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
3.5M-3.5M	3.5mm Male	3.5mm Male	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
3.5M-3.5F	3.5mm Male	3.5mm Female	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
3.5F-3.5F	3.5mm Female	3.5mm Female	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
SMA/M-SMA/M	SMA Male	SMA Male	DC-26.5GHz	Stainless steel	≅ 1.15	Straight
SMA/M-SMA/F	SMA Male	SMA Female	DC-26.5GHz	Stainless steel	≅ 1.15	Straight
SMA/F-SMA/F	SMA Female	SMA Female	DC-26.5GHz	Stainless steel	≅ 1.15	Straight
SMA/F-SMA/F-F	SMA Female	SMA Female	DC-18GHz	Stainless steel	≅ 1.20	Flange
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
N/M-N/M	N Male	N Male	DC-18GHz	Stainless steel	≅ 1.10	Straight
N/M-N/F	N Male	N Female	DC-18GHz	Stainless steel	≅ 1.10	Straight
N/F-N/F	N Female	N Female	DC-18GHz	Stainless steel	≅ 1.10	Straight
N/F-N/F-F	N Female	N Female	DC-18GHz	Stainless steel	≅ 1.10	Flange

Between Series Coaxial Adapters

P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
1.85M-2.4M	1.85mm Male	2.4mm Male	DC-50GHz	Stainless steel	≅ 1.15	Straight
1.85M-2.4F	1.85mm Male	2.4mm Female	DC-50GHz	Stainless steel	≅ 1.15	Straight
1.85F-2.4M	1.85mm Female	2.4mm Male	DC-50GHz	Stainless steel	≅ 1.15	Straight
1.85F-2.4F	1.85mm Female	2.4mm Female	DC-50GHz	Stainless steel	≅ 1.15	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
1.85M-2.92M	1.85mm Male	2.92mm Male	DC-40GHz	Stainless steel	≅ 1.12	Straight
1.85M-2.92F	1.85mm Male	2.92mm Female	DC-40GHz	Stainless steel	≅ 1.12	Straight
1.85F-2.92M	1.85mm Female	2.92mm Male	DC-40GHz	Stainless steel	≅ 1.12	Straight
1.85F-2.92F	1.85mm Female	2.92mm Female	DC-40GHz	Stainless steel	≅ 1.12	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
1.85M-3.5M	1.85mm Male	3.5mm Male	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
1.85M-3.5F	1.85mm Male	3.5mm Female	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
1.85F-3.5M	1.85mm Female	3.5mm Male	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
1.85F-3.5F	1.85mm Female	3.5mm Female	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
2.4M-2.92M	2.4mm Male	2.92mm Male	DC-40GHz	Stainless steel	≅ 1.15	Straight
2.4M-2.92F	2.4mm Male	2.92mm Female	DC-40GHz	Stainless steel	≅ 1.15	Straight
2.4F-2.92M	2.4mm Female	2.92mm Male	DC-40GHz	Stainless steel	≅ 1.15	Straight
2.4F-2.92F	2.4mm Female	2.92mm Female	DC-40GHz	Stainless steel	≅ 1.15	Straight
2.4F-2.92F-F	2.4mm Female	2.92mm Female	DC-40GHz	Stainless steel	≅ 1.15	Flange

Between Series Coaxial Adapters

P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
2.4M-3.5M	2.4mm Male	3.5mm Male	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
2.4M-3.5F	2.4mm Male	3.5mm Female	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
2.4F-3.5M	2.4mm Female	3.5mm Male	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
2.4F-3.5F	2.4mm Female	3.5mm Female	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
2.4M-SMA/M	2.4mm Male	SMA Male	DC-27GHz	Stainless steel	≅ 1.15	Straight
2.4M-SMA/F	2.4mm Male	SMA Female	DC-27GHz	Stainless steel	≅ 1.15	Straight
2.4F-SMA/M	2.4mm Female	SMA Male	DC-27GHz	Stainless steel	≅ 1.15	Straight
2.4F-SMA/F	2.4mm Female	SMA Female	DC-27GHz	Stainless steel	≅ 1.15	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
2.4M-N/M	2.4mm Male	N Male	DC-18GHz	Stainless steel	≅ 1.10	Straight
2.4M-N/F	2.4mm Male	N Female	DC-18GHz	Stainless steel	≅ 1.10	Straight
2.4F-N/M	2.4mm Female	N Male	DC-18GHz	Stainless steel	≅ 1.10	Straight
2.4F-N/F	2.4mm Female	N Female	DC-18GHz	Stainless steel	≅ 1.10	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
2.92M-3.5M	2.92mm Male	3.5mm Male	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
2.92M-3.5F	2.92mm Male	3.5mm Female	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
2.92F-3.5M	2.92mm Female	3.5mm Male	DC-26.5GHz	Stainless steel	≅ 1.10	Straight
2.92F-3.5F	2.92mm Female	3.5mm Female	DC-26.5GHz	Stainless steel	≅ 1.10	Straight

Between Series Coaxial Adapters

P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
2.92M-SMA/M	2.92mm Male	SMA Male	DC-27GHz	Stainless steel	≤ 1.25	Straight
2.92M-SMA/F	2.92mm Male	SMA Female	DC-27GHz	Stainless steel	≤ 1.25	Straight
2.92F-SMA/M	2.92mm Female	SMA Male	DC-27GHz	Stainless steel	≤ 1.25	Straight
2.92F-SMA/F	2.92mm Female	SMA Female	DC-27GHz	Stainless steel	≤ 1.25	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
2.92M-N/M	2.92mm Male	N Male	DC-18GHz	Stainless steel	≤ 1.10	Straight
2.92M-N/F	2.92mm Male	N Female	DC-18GHz	Stainless steel	≤ 1.10	Straight
2.92F-N/M	2.92mm Female	N Male	DC-18GHz	Stainless steel	≤ 1.10	Straight
2.92F-N/F	2.92mm Female	N Female	DC-18GHz	Stainless steel	≤ 1.10	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
3.5M-SMA/M	3.5mm Male	SMA Male	DC-26.5GHz	Stainless steel	≤ 1.25	Straight
3.5M-SMA/F	3.5mm Male	SMA Female	DC-26.5GHz	Stainless steel	≤ 1.25	Straight
3.5F-SMA/M	3.5mm Female	SMA Male	DC-26.5GHz	Stainless steel	≤ 1.25	Straight
3.5F-SMA/F	3.5mm Female	SMA Female	DC-26.5GHz	Stainless steel	≤ 1.25	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
3.5M-BMA/M	3.5mm Male	BMA Male	DC-18GHz	Stainless steel	≤ 1.15	Straight
3.5M-BMA/F	3.5mm Male	BMA Female	DC-18GHz	Stainless steel	≤ 1.15	Straight
3.5F-BMA/M	3.5mm Female	BMA Male	DC-18GHz	Stainless steel	≤ 1.15	Straight
3.5F-BMA/F	3.5mm Female	BMA Female	DC-18GHz	Stainless steel	≤ 1.15	Straight

Between Series Coaxial Adapters

P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
3.5M-SMP/M	3.5mm Male	SMP Male	DC-26.5GHz	Stainless steel	≤1.20	Straight
3.5M-SMP/F	3.5mm Male	SMP Female	DC-26.5GHz	SS-Gold plated	≤1.20	Straight
3.5F-SMP/M	3.5mm Female	SMP Male	DC-26.5GHz	Stainless steel	≤1.20	Straight
3.5F-SMP/F	3.5mm Female	SMP Female	DC-26.5GHz	SS-Gold plated	≤1.20	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
3.5M-N/M	3.5mm Male	N Male	DC-18GHz	Stainless steel	≤1.10	Straight
3.5M-N/F	3.5mm Male	N Female	DC-18GHz	Stainless steel	≤1.10	Straight
3.5F-N/M	3.5mm Female	N Male	DC-18GHz	Stainless steel	≤1.10	Straight
3.5F-N/F	3.5mm Female	N Female	DC-18GHz	Stainless steel	≤1.10	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
SMA/M-BNC/M	SMA Male	BNC Male	DC-6GHz	Stainless steel	≤1.20	Straight
SMA/M-BNC/F	SMA Male	BNC Female	DC-6GHz	Stainless steel	≤1.20	Straight
SMA/F-BNC/M	SMA Female	BNC Male	DC-6GHz	Stainless steel	≤1.20	Straight
SMA/F-BNC/F	SMA Female	BNC Female	DC-6GHz	Stainless steel	≤1.20	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
SMA/M-N/M	SMA Male	N Male	DC-18GHz	Stainless steel	≤1.10	Straight
SMA/M-N/F	SMA Male	N Female	DC-18GHz	Stainless steel	≤1.10	Straight
SMA/F-N/M	SMA Female	N Male	DC-18GHz	Stainless steel	≤1.10	Straight
SMA/F-N/F	SMA Female	N Female	DC-18GHz	Stainless steel	≤1.10	Straight
P/N	Connector 1	Connector 2	Frequency (GHz)	Body material	VSWR	Type
N/M-L16/M	N Male	L16 Male	DC-18GHz	Stainless steel	≤1.20	Straight
N/M-L16/F	N Male	L16 Female	DC-18GHz	Stainless steel	≤1.20	Straight
N/F-L16/M	N Female	L16 Male	DC-18GHz	Stainless steel	≤1.20	Straight
N/F-L16/F	N Female	L16 Female	DC-18GHz	Stainless steel	≤1.20	Straight

We Look Forward to Working with You



Thank you !