

FEATURE

- Operating Frequency: 0.5~18GHz
- Stable Performance and High Reliability
- High Isolation
- Low Insertion Loss
- Small Phase & Amplitude Errors
- Operating Temperature: -55~+85°C

APPLICATIONS

- Communication system
- Radar & Warfare system
- Test Equipment



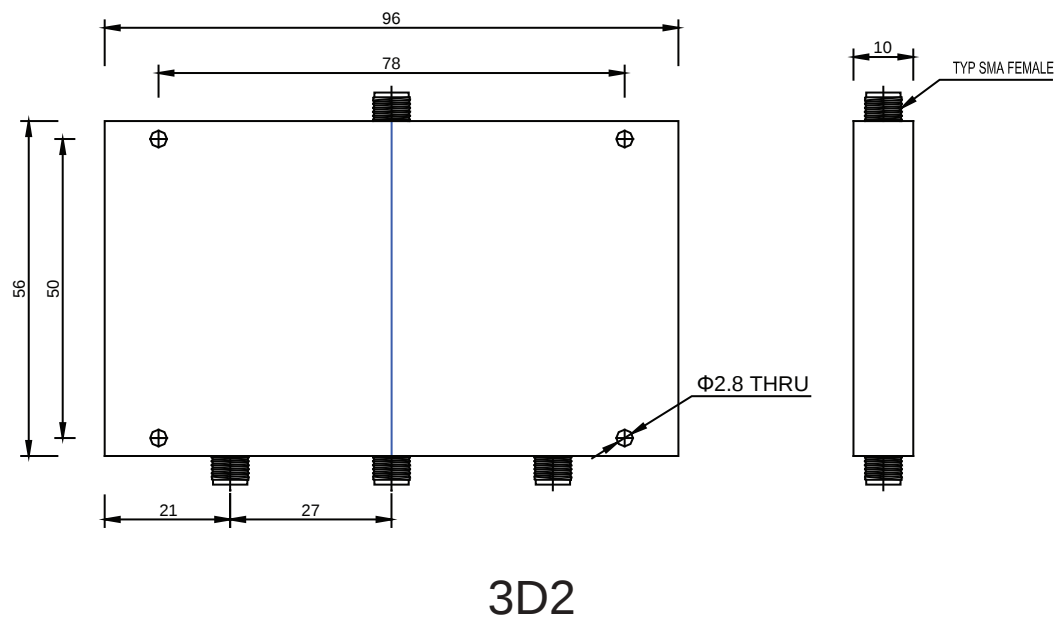
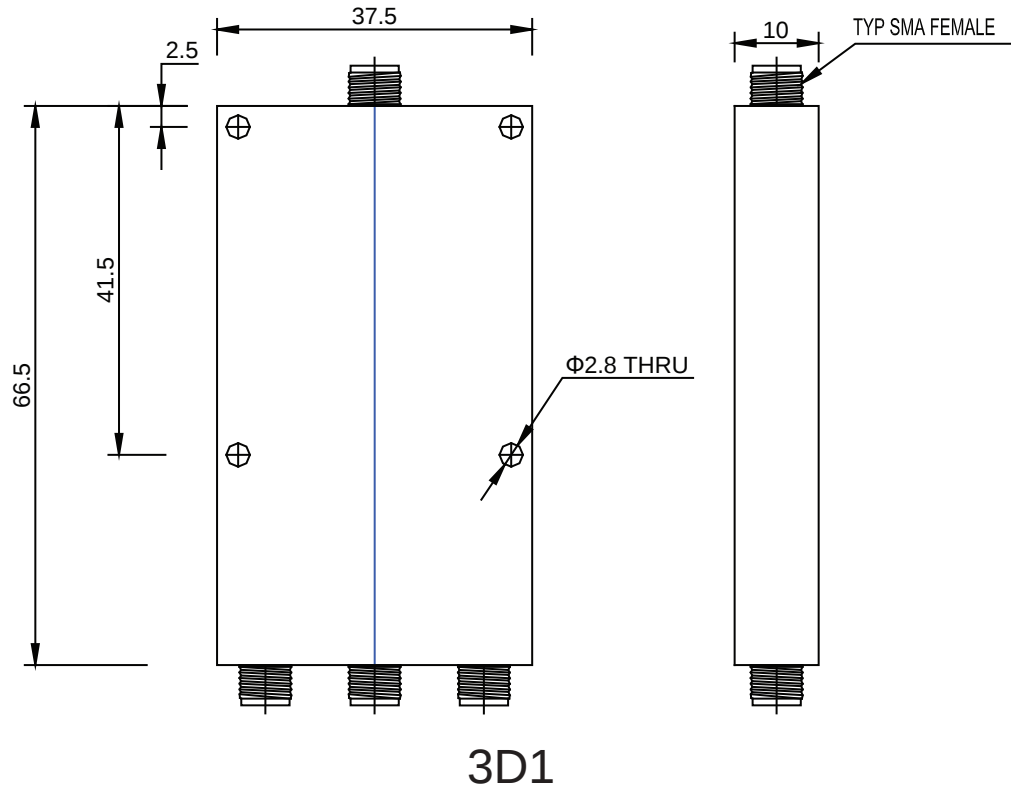
SPECIFICATIONS@25°C:

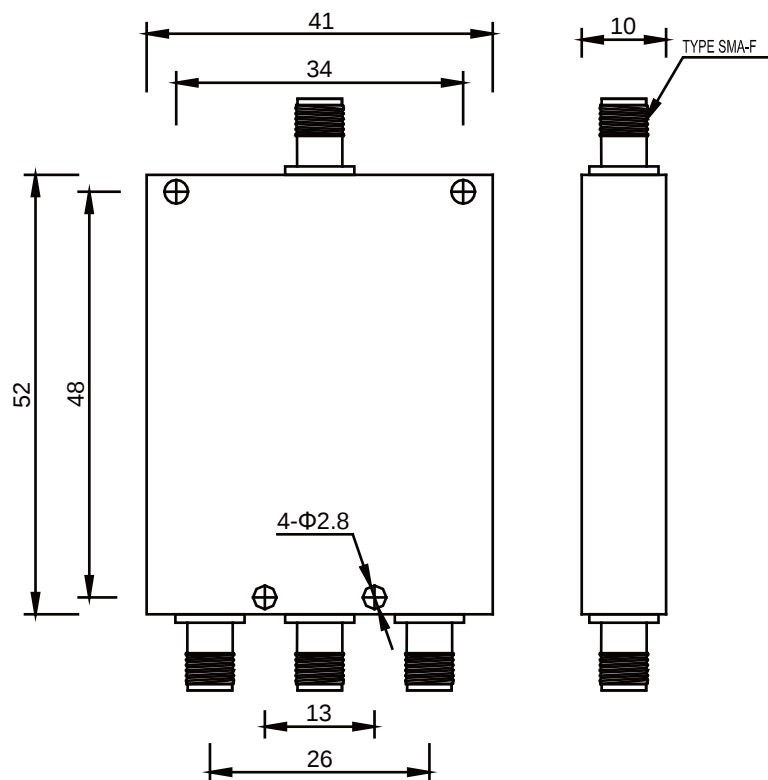
Part Number	Frequency Range (GHz)	Isolation (dB.Max)	Insertion Loss (dB)	VSWR Input (Max)	VSWR Output (Max)	Phase Balance (±deg.Max)	Amplitude Balance (±dB.Max)	Power Handling (W.Avg)	Way	Case Type
MPD001003S3L	0.001-0.3	20	1.5	1.4	1.4	4	0.3	50	3	3D1/3D2
MPD001005S3L	0.001-0.5	20	0.9	1.4	1.4	4	0.3	50	3	3D1/3D2
MPD005020S3L	0.5-2	18	0.7	1.3	1.25	3	0.3	30	3	3D14
MPD005020S3M	0.5-2	20	0.8	1.4	1.4	4	0.3	100	3	3D1/3D2
MPD007027S3L	0.698-2.7	18	0.8	1.35	/	5	0.3	30	3	3D10
MPD007027N3M	0.7-2.7	20	0.8	1.3	/	5	0.5	30	3	3D1/3D2
MPD007027S3M	0.7-2.7	20	0.9	1.3	/	5	0.3	30	3	3D6
MPD007027S3H	0.7-2.7	18	0.8	1.35	1.2	4	0.3	100	3	3D1/3D2
MPD080025S3L	0.8-2.5	20	0.6	1.3	/	3	0.3	30	3	3D4
MPD008025S3M	0.8-2.5	20	0.8	1.3	1.25	3	0.4	100	3	3D1/3D2
MPD008025S3H	0.8-2.5	23	0.8	1.4	1.3	3	0.3	100	3	3D1/3D2
MPD008025S3I	0.8-2.5	20	0.6	1.3	/	5	0.5	30	3	3D1/3D2
MPD008035S3H	0.8-3.5	22	0.8	1.4	1.3	3	0.3	100	3	3D1/3D2
MPD010020S3M	1-2	20	1	1.4	1.3	4	0.3	50	3	3D1/3D2
MPD010040S3M	1-4	18	0.8	1.3	/	5	0.5	30	3	3D1/3D2
MPD010040N3M	1-4	18	0.8	1.4	/	5	0.5	30	3	3D1/3D2
MPD020040S3L	2-4	18	0.6	1.4	1.3	5	0	20	3	3D1/3D2
MPD020040S3M	2-4	18	0.6	1.3	/	5	0.3	20	3	3D3
MPD020040S3H	2-4	18	0.8	1.4	/	5	0.3	50	3	3D3
MPD020040S3I	2-4	18	0.6	1.3	/	5	0.3	30	3	3D3
MPD020042S3M	2-4.2	20	0.8	1.4	1.3	3	0.3	50	3	3D3
MPD020080N3L	2-8	17	1.2	1.5	/	7	0.7	20	3	3D1/3D2
MPD020080S3L	2-8	18	1	1.4	1.3	5	0	20	3	3D3
MPD020080S3M	2-8	18	1.2	1.4	1.3	6	0.6	30	3	3D1/3D2



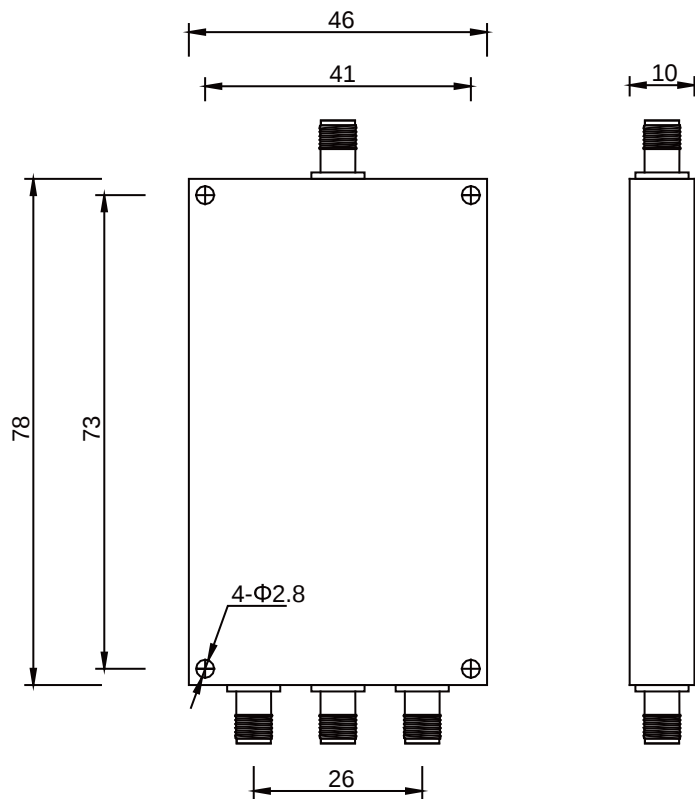
3-WAY WIDE BAND POWER DIVIDER

Part Number	Frequency Range (GHz)	Isolation (dB.Max)	Insertion Loss (dB)	VSWR Input (Max)	VSWR Output (Max)	Phase Balance (±deg.Max)	Amplitude Balance (±dB.Max)	Power Handling (W.Avg)	Way	Case Type
MPD020080S3I	2-8	18	1.1	1.4	/	7	0.7	20	3	3D1/3D2
MPD020180S3L	2-18	20	1.6	1.65	/	9	0.7	30	3	3D11
MPD020180S3M	2-18	20	1.6	1.65	/	9	0.7	30	3	3D12
MPD040080S3M	4-8	18	0.9	1.4	/	5	0.5	20	3	3D3
MPD040180S3M	4-18	15	1.9	1.8	/	14	0.8	10	3	3D5
MPD051059N3M	5.1-5.9	17	1.1	1.4	/	/	0.7	30	3	3D1/3D2
MPD060180S3M	6-18	18	1	1.5	1.5	6	0.5	30	3	3D7
MPD070180S3M	7-18	15	1.2	1.6	/	18	0.8	20	3	3D2
MPD080120S3M	8-12	15	1	1.5	/	5	0.5	10	3	3D2
MPD080180S3L	8-18	18	0.8	1.6	/	12	0.5	10	3	3D2
MPD080180S3M	8-18	17	1	1.8	/	14	0.7	20	3	3D2
MPD080180S3H	8-18	18	0.8	1.5	/	12	0.8	20	3	3D9
MPD181183S3L	18.1-18.3	16	1.9	1.7	/	8	0.7	20	3	3D7
MPD210250S3L	21-25	15-20	2	2	/	/	/	/	3	3D8

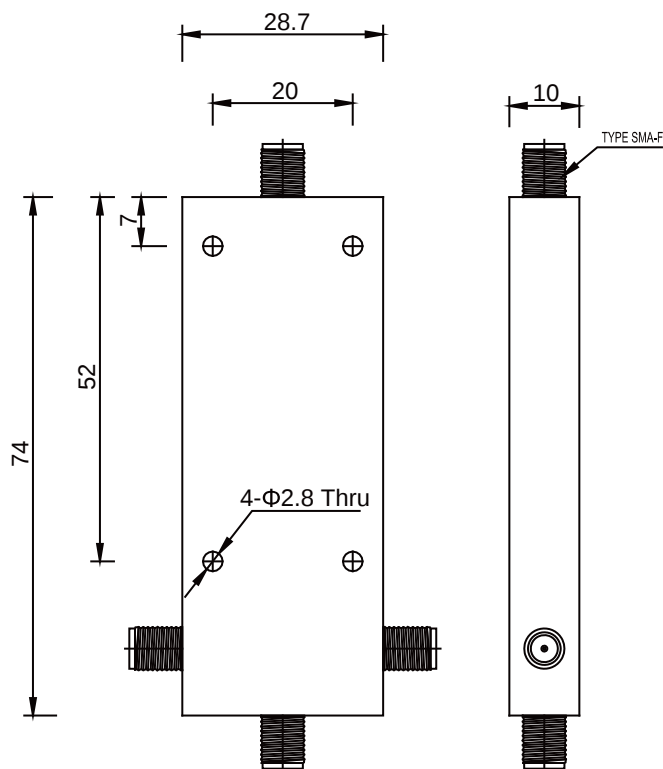




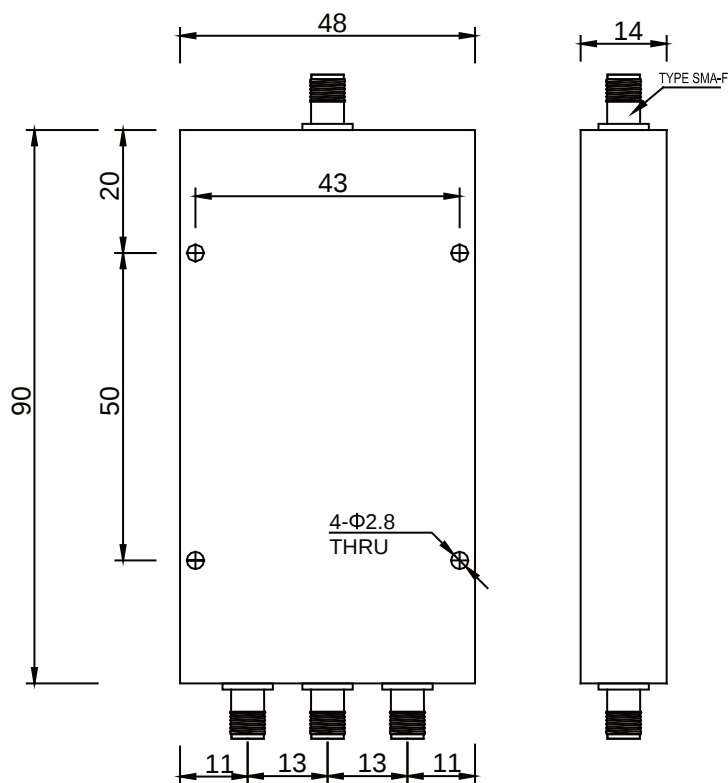
3D3



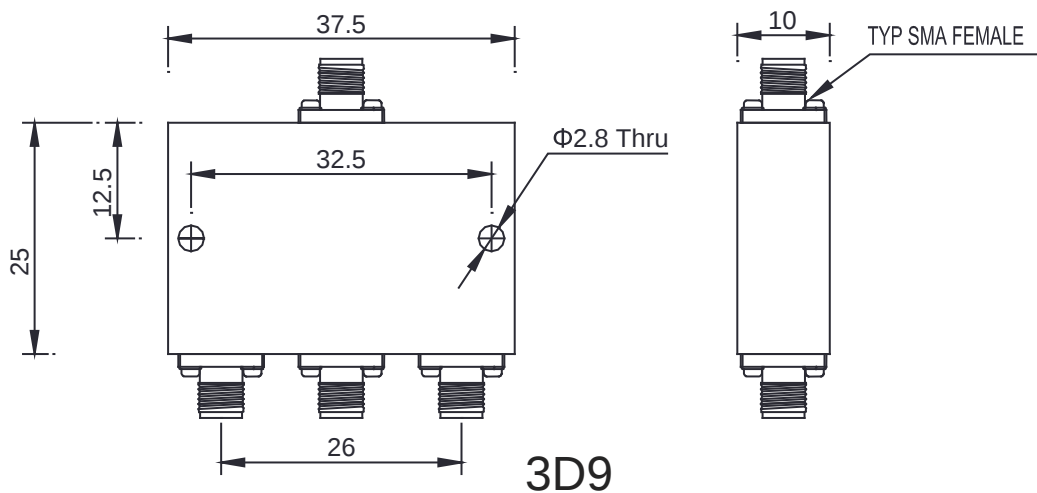
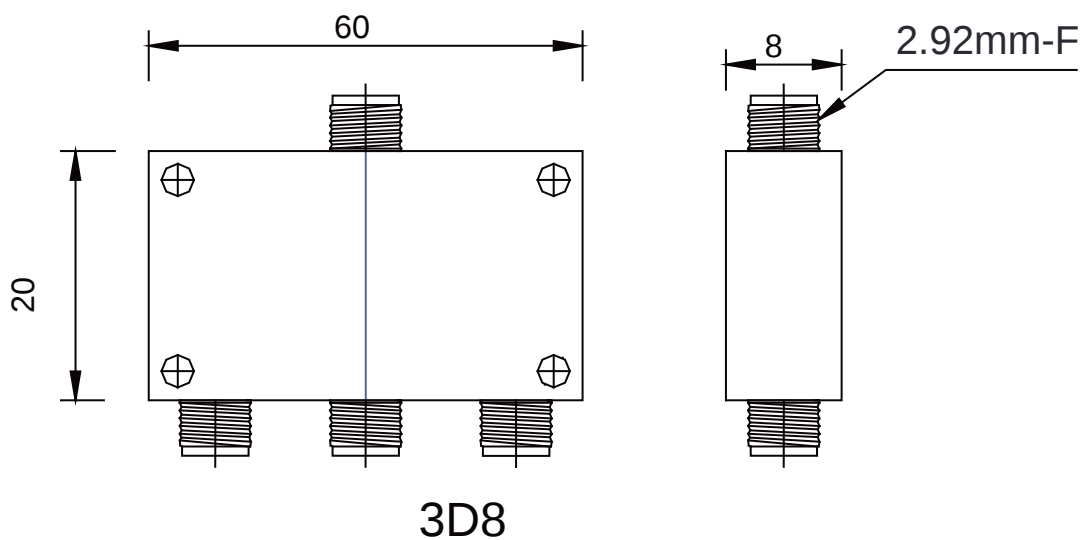
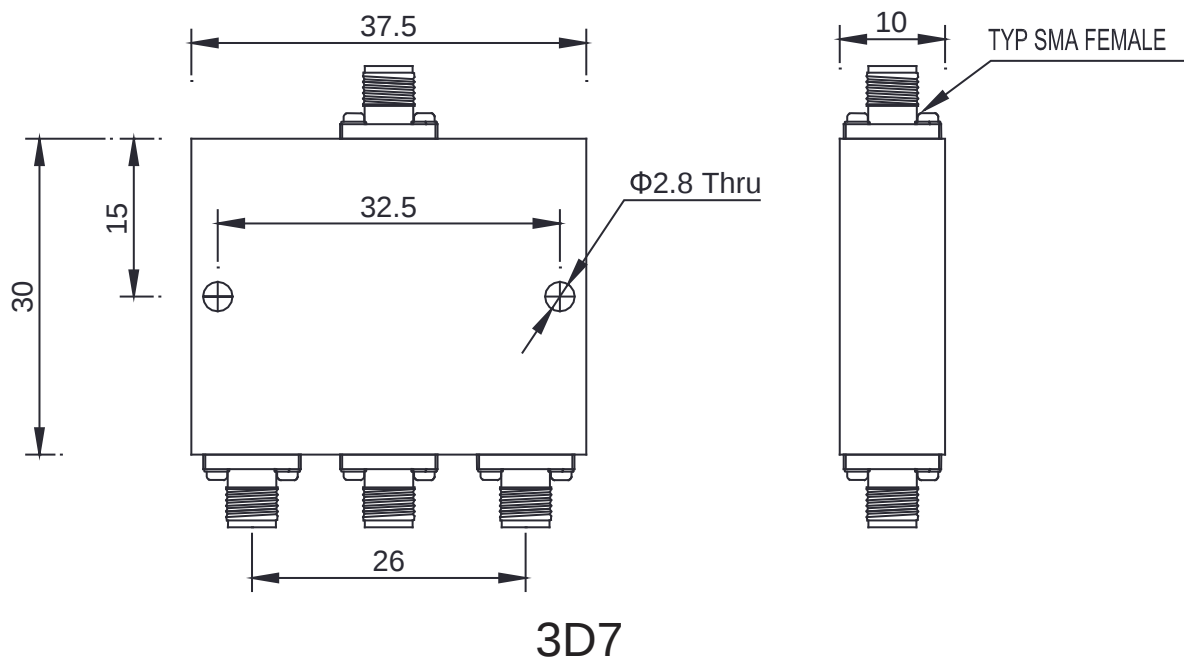
3D4

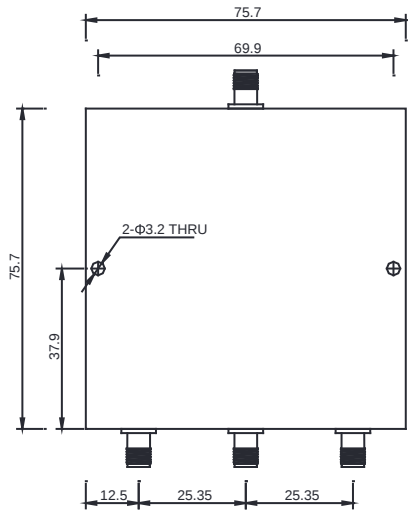


3D5

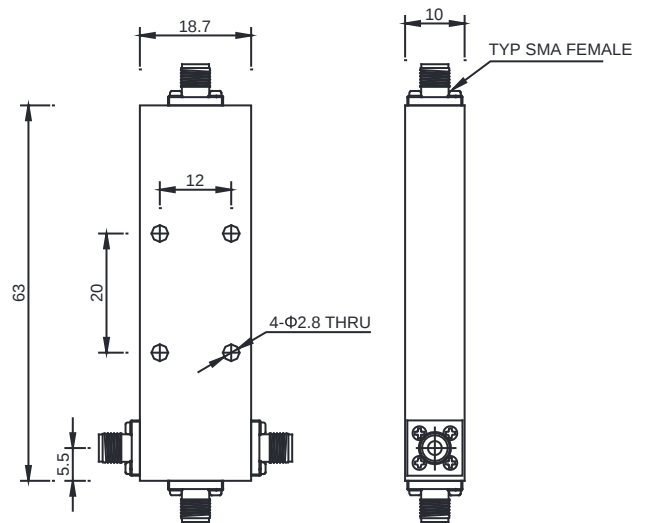
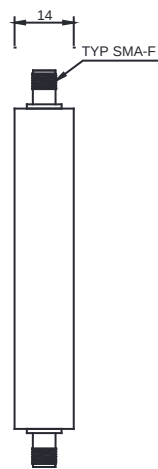


3D6

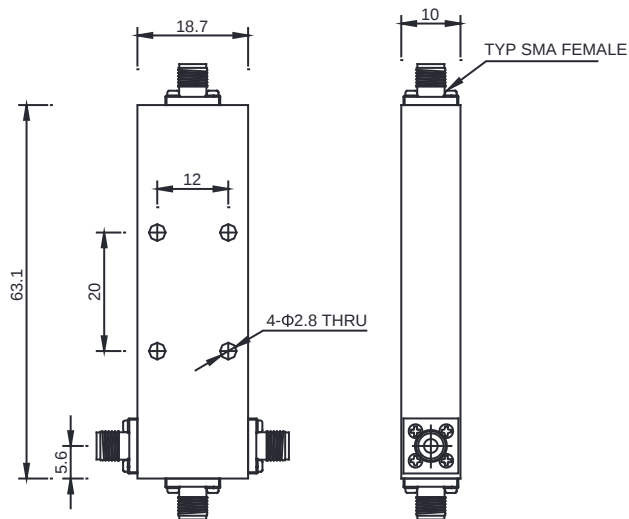




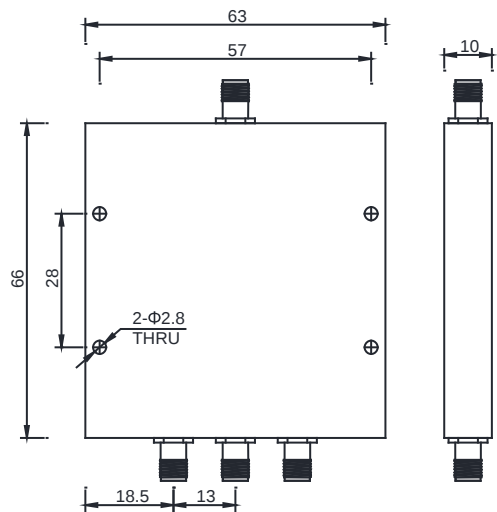
3D10



3D11



3D12



3D14