

RF directional couplers from ENRICHTEK cover wide frequency range. They have features of high isolation, low insertion loss and high coupling accuracy

With excellent performance, our RF directional couplers are widely used for signal sampling, signal injection and power monitoring.



Features

- High Coupling Accuracy
- High Isolation
- Low Insertion Loss
- Customizable

P/N	Freq. (GHz)	Coupling (dB)	IL (dB)	Frequency Sensitivity (dB)	VSWR	Directivity (dB)	Power Max. (W)	Impedance (Ohms)
DC30-E5-6E	0.5~6	30±1.0	≤0.6	≤±1.0	≤1.3:1	≥16	50	50
DC10-E5-6EA	0.5 ~ 6	10±1.2	≤1.2	≤±1.0	≤1.4:1	≥15	10	50
DC10-E5-6EB	0.5 ~ 6	10±1.2	≤0.6	≤±1.0	≤1.3:1	≥18	50	50
DC10-E5-6EC	0.5~6	10±1.2	≤1.2	≤±1.0	≤1.4:1	≥12	10	50
DC20-E5-3E	0.5~3	20±1.0	≤0.6	≤±1.0	≤1.3:1	≥15	100	50
DC20-E95-1E22	0.95~1.22	20±0.5	≤0.3	≤±0.3	≤1.3:1	≥20	100	50
DC30-E95-1E22	0.95-1.22	30±0.5	≤0.3	≤±0.3	≤1.3:1	≥20	100	50
DC15-1E-12E	1 ~ 12	15±1.0	≤0.86	≤±1.0	≤1.45:1	≥15	30	50
DC16-1E-12E	1 ~ 12	16±1.0	≤0.86	≤±1.0	≤1.45:1	≥15	30	50
DC30-1E5-4E	1.5~4	30±1.0	≤0.3	≤±1.0	≤1.3:1	≥17	200	50
DC5-2E-6E	2 ~ 6	5±1	≤2.4	≤±1	≤1.5:1	≥15	10	50
DC6-2E-10E	2 ~ 10	6±1.5	≤2.5	≤±1	≤1.6:1	≥5	20	50
DC30-2E-8E	2~8	30±1.0	≤0.4	≤±0.5	≤1.35:1	≥17	10	50
DC6-2E-18E	2 ~ 18	6±0.7	≤0.74	≤±0.7	≤1.5:1	≥15	20	50
DC10-2E-18E	2 ~ 18	10±1	≤0.8	≤±1	≤1.5:1	≥15	50	
DC20-5E-19E	5 ~ 19	20±1.5	≤1.0	≤±1.0	≤1.6:1	≥12dB @ 5.0 ~ 15GHz ≥10dB @ 15 ~ 19GHz	5	50
DC6-6E-18E	6 ~ 18	6±1.0	≤2.2		≤1.6:1	≥10	5	50
DC15-9E-11E	9 ~ 11	15±1.0	≤0.7	≤±0.7	≤1.4:1	≥15	30	50