

Directional Couplers



Model Number	Frequency Range (GHz)	Nominal Coupling (dB)	Frequency Sensitivity Max (dB)	Directivity Min (dB)	VSWR Main Max	VSWR Coupled Max	Insertion Loss Max (dB)
C-046-10	0.4-6.0	10.0	±1.00	15.0	1.20:1	1.20:1	1.00
C-0420-10	0.4-20.0	10.0	±1.00	14.0	1.35:1	1.40:1	1.70
C-058-10	0.5-8.0	10.0	±0.80	20.0	1.25:1	1.25:1	1.20
C-0520-10	0.5-20.0	10.0	±0.80	16.0	1.35:1	1.35:1	1.70
C-0526-10	0.5-26.5	10.0	±1.00	14.0	1.40:1	1.40:1	2.20
C-0540-10	0.5-40.0	10.0	±1.50	11.0	1.70:1	1.80:1	2.90
C-0420-16	0.4-20.0	16.0	±1.00	14.0	1.35:1	1.40:1	1.50
C-058-16	0.5-8.0	16.0	±0.80	20.0	1.25:1	1.25:1	0.85
C-0520-16	0.5-20.0	16.0	±0.80	16.0	1.35:1	1.35:1	1.50
C-0526-16	0.5-26.5	16.0	±1.00	14.0	1.40:1	1.40:1	1.70
C-0540-16	0.5-40.0	16.0	±1.50	11.0	1.70:1	1.80:1	2.60
C-0420-20	0.4-20.0	20.0	±1.00	14.0	1.35:1	1.40:1	1.00
C-058-20	0.5-8.0	20.0	±0.80	20.0	1.25:1	1.25:1	0.80
C-0520-20	0.5-20.0	20.0	±0.80	16.0	1.35:1	1.35:1	1.00
C-0526-20	0.5-26.5	20.0	±1.00	14.0	1.40:1	1.40:1	1.40
C-0420-30	0.4-20.0	30.0	±1.00	14.0	1.35:1	1.40:1	0.90
C-058-30	0.5-8.0	30.0	±0.80	20.0	1.25:1	1.25:1	0.70
C-0520-30	0.5-20.0	30.0	±0.80	16.0	1.40:1	1.40:1	0.90
C-0526-30	0.5-26.5	30.0	±1.00	14.0	1.40:1	1.40:1	1.30
C-120-10	1.0-20.0	10.0	±0.35	16.0	1.35 :1	1.35:1	1.40
C-126-10	1.0-26.5	10.0	±0.50	14.0	1.40:1	1.40:1	1.60
C-140-10	1.0-40.0	10.0	±0.90	10.0	1.70:1	1.70:1	2.50
C-140-13S	1.0-40.0	13.0	±1.20	11.0	1.70:1	1.70:1	1.80
C-140-13	1.0-40.0	13.0	±0.80	11.0	1.60:1	1.60:1	2.30
C-150-13	1.0-50.0	13.0	±1.25	10.0	1.90:1	1.90:1	2.80

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C-165-13	1.0-65.0	13.0	±1.50	10.0	2.00:1	2.00:1	3.30
C-120-16	1.0-20.0	16.0	±0.35	16.0	1.35 :1	1.35:1	1.10
C-126-16	1.0-26.5	16.0	±0.50	14.0	1.40:1	1.40:1	1.40
C-120-20	1.0-20.0	20.0	±0.35	16.0	1.35 :1	1.35:1	1.00
C-126-20	1.0-26.5	20.0	±0.50	14.0	1.40:1	1.40:1	1.20
C-140-20	1.0-40.0	20.0	±1.00	10.0	1.70:1	1.70:1	1.80
C-1720-10	1.7-20.0	10.0	±0.55	15.0	1.35:1	1.35:1	1.30
C-1726-10	1.7-26.5	10.0	±0.60	14.0	1.45:1	1.45:1	1.50
C-1720-16	1.7-20.0	16.0	±0.55	15.0	1.35:1	1.45:1	0.90
C-1726-16	1.7-26.5	16.0	±0.60	14.0	1.45:1	1.45:1	1.20
C-218-10	2.0-18.0	10.0	±0.30	16.0	1.30:1	1.30:1	1.10
C-220-10	2.0-20.0	10.0	±0.30	15.0	1.35:1	1.35:1	1.35
C-226-10	2.0-26.5	10.0	±0.70	13.0	1.50:1	1.50:1	1.70
C-240-10	2.0-20.0	10.0	±0.40	15.0	1.50:1	1.50:1	1.10
	20.0-40.0		±0.70	11.0	1.70:1	1.70:1	1.90
C-250-10	2.0-26.5	10.0	±0.60	13.0	1.50:1	1.50:1	2.00
	26.5-50.0		±0.80	10.0	1.80:1	1.80:1	2.00
C-240-13	2.0-20.0	13.0	±0.40	15.0	1.50:1	1.50:1	1.00
	20.0-40.0		±0.70	11.0	1.70:1	1.70:1	1.70
C-250-13	2.0-20.0	13.0	±0.60	13.0	1.50:1	1.50:1	1.00
	26.5-50		±0.80	10.0	1.80:1	1.80:1	1.80
C-218-16	2.0-18.0	16.0	±0.30	16.0	1.30:1	1.30:1	0.75
C-220-16	2.0-20.0	16.0	±0.30	15.0	1.35:1	1.35:1	0.90
C-226-16	2.0-26.5	16.0	±0.70	13.0	1.50:1	1.50:1	1.10
C-240-16	2.0-20.0	16.0	±0.40	15.0	1.50:1	1.50:1	0.90
	20.0-40.0		±0.70	11.0	1.70:1	1.70:1	1.60
C-250-16	2.0-26.5	16.0	±0.60	13.0	1.50:1	1.50:1	1.70
	26.5-50.0		±0.80	10.0	1.80:1	1.80:1	1.70
C-218-20	2.0-18.0	20.0	±0.30	16.0	1.30:1	1.30:1	0.70

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C-220-20	2.0-20.0	20.0	±0.30	15.0	1.35:1	1.35:1	0.85
C-226-20	2.0-26.5	20.0	±0.70	13.0	1.50:1	1.50:1	1.00
C-620-10	6.0-20.0	10.0	±0.30	16.0	1.35:1	1.35:1	0.90
C-626-10	6.0-26.5	10.0	±0.30	15.0	1.40:1	1.40:1	1.30
C-640-10	6.0-40.0	10.0	±0.70	12.0	1.60:1	1.60:1	1.60
C-620-20	6.0-20.0	20.0	±0.30	16.0	1.35:1	1.35:1	0.60
C-626-20	6.0-26.5	20.0	±0.30	15.0	1.40:1	1.40:1	0.70
C-640-20	6.0-40.0	20.0	±0.70	12.0	1.70:1	1.70:1	1.30
C-620-30	6.0-20.0	30.0	±0.40	16.0	1.35:1	1.35:1	0.50
C-626-30	6.0-26.5	30.0	±0.50	14.0	1.45:1	1.45:1	0.60
C-1040-10	10.0-40.0	10.0	±0.40	12.0	1.60:1	1.60:1	1.60
C-1050-10	10.0-50.0	10.0	±0.50	10.0	1.80:1	1.80:1	1.90
C-1040-20	10.0-40.0	20.0	±0.40	12.0	1.70:1	1.70:1	1.20
C-1050-20	10.0-50.0	20.0	±0.50	10.0	1.80:1	1.80:1	1.50
C-1040-30	10.0-40.0	30.0	±0.50	12.0	1.70:1	1.70:1	1.00
C-1050-30	10.0-50.0	30.0	±0.50	10.0	1.80:1	1.80:1	1.60
C-1826-10	18.0-26.5	10.0	±0.30	14.0	1.40:1	1.40:1	1.30
C-1840-10	18.0-40.0	10.0	±0.40	12.0	1.70:1	1.70:1	1.50
C-1850-10	18.0-50.0	10.0	±0.50	10.0	1.80:1	1.80:1	1.90
C-1826-20	18.0-26.5	20.0	±0.30	14.0	1.40:1	1.40:1	0.80
C-1840-20	18.0-40.0	20.0	±0.40	12.0	1.70:1	1.70:1	1.30
C-1850-20	18.0-50.0	20.0	±0.50	10.0	1.80:1	1.80:1	1.50
C-1826-30	18.0-26.5	30.0	±0.30	14.0	1.40:1	1.40:1	0.60
C-1840-30	18.0-40.0	30.0	±0.70	12.0	1.70:1	1.70:1	1.00
C-1850-30	18.0-50.0	30.0	±0.70	10.0	1.80:1	1.80:1	1.60
C-2640-10	26.5-40.0	10.0	±0.40	12.0	1.70:1	1.70:1	1.50
C-2650-10	26.5-50.0	10.0	±0.50	10.0	1.80:1	1.80:1	1.90
C-2640-20	26.5-40.0	20.0	±0.40	12.0	1.70:1	1.70:1	1.30
C-2650-20	26.5-50.0	20.0	±0.50	10.0	1.80:1	1.80:1	1.50

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C-2640-30	26.5-40.0	30.0	± 0.70	12.0	1.70:1	1.70:1	1.00
C-2650-30	26.5-50.0	30.0	± 0.70	10.0	1.80:1	1.80:1	1.60

For customized frequency range and specifications, please contact a sales representative at sales@etiworld.com