

90 Degree Hybrid Coupler Stripline Design



Model Number	Frequency Range (GHz)	Amplitude Balance Max (dB)	Phase Balance Max (Deg.)	Isolation Min (dB)	VSWR Max	Insertion Loss Max (dB)
Q-0445-90	0.4-4.5	±0.50	±5.0	20.0	1.25:1	1.50
Q-053-90	0.5-3.0	±0.40	±4.0	22.0	1.20:1	1.10
Q-059-90	0.5-9.0	±0.50	±5.0	19.0	1.40:1	1.50
Q-112-90	1.0-12.4	±0.40	±6.0	17.0	1.30:1	1.40
Q-118-90	1.0-18.0	±0.50	±8.0	17.0	1.35:1	1.90
Q-24-90	2.0-4.0	±0.25	±3.0	22.0	1.20:1	0.60
Q-28-90	2.0-8.0	±0.35	±3.0	20.0	1.25:1	0.70
Q-218-90	2.0-18.0	±0.40	±7.0	17.0	1.35:1	1.30
Q-226-90	2.0-26.5	±0.80	±10.0	14.0	1.60:1	1.70
Q-412-90	4.0-12.4	±0.50	±4.0	20.0	1.35:1	1.00
Q-418-90	4.0-18.0	±0.60	±6.0	17.0	1.40:1	1.60
Q-426-90	4.0-26.5	±0.80	±8.0	15.0	1.60:1	1.80
Q-612-90	6.0-12.4	±0.35	±4.0	20.0	1.35:1	0.80
Q-620-90	6.0-20.0	±0.40	±5.0	17.0	1.45:1	1.00
Q-626-90	6.0-26.5	±0.60	±8.0	15.0	1.60:1	1.50
Q-640-90	6.0-40.0	±1.20	±10.0	13.0	1.70:1	2.00
Q-1026-90	10.0-26.5	±0.55	±6.0	16.0	1.60:1	1.30
Q-1040-90	10.0-40.0	±0.70	±10.0	13.0	1.70:1	2.00
Q-1840-90	18.0-40.0	±0.60	±9.0	14.0	1.70:1	2.00

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