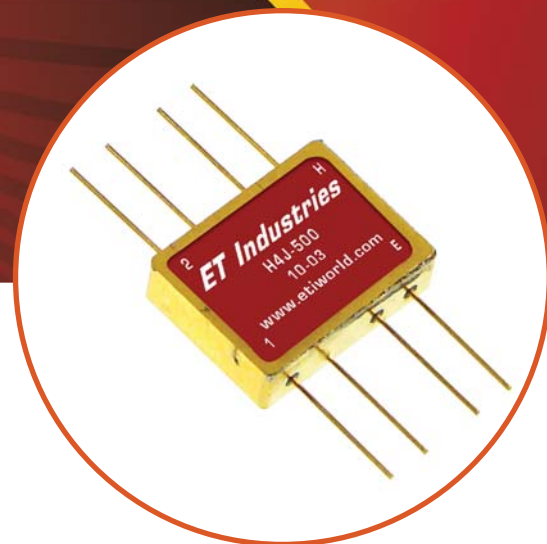


# 90 Degree Hybrid Coupler-Lumped Element



Model Number	Frequency Range (MHz)	Amplitude Balance Max (dB)	Phase Balance Max (Deg.)	Isolation Min (dB)	VSWR Max	Insertion Loss Max (dB)	Bandwidth
Q-0250N-90	0.5-500	±0.75	±2.0	25.0	1.3:1	0.30	10 % of Fc
Q-0750N-90	500-1000	±0.80	±3.0	20.0	1.4:1	0.50	10 % of Fc
Q-1250N-90	1000-1500	±0.85	±4.0	18.0	1.5:1	0.70	10 % of Fc
Q-0250W-90	200-300	±1.00	±3.0	18.0	1.5:1	0.75	Octave
Q-0350W-90	300-400	±1.00	±4.0	15.0	1.6:1	1.00	Octave

\*For customerized frequency range and specification, please contact sales representative at [sales@etiworld.com](mailto:sales@etiworld.com)