

90° Hybrids

P/N	Frequency Range (GHz)		Nominal Phase Balance (Degree)	VSWR Max.(:1)	Insertion Loss Max.(dB)	Amplitude Balance Max.(dB)	Phase Balance Max.(Deg.)	Isolation Min.(dB)
QN004045	0.4	4.5	90	1.3	1.5	±0.7	±6	20
QN005030	0.5	3	90	1.3	0.9	±0.6	±3	20
QN005090	0.5	9	90	1.4	1.5	±0.7	±5	19
QN010060	1	6	90	1.3	0.9	±0.4	±4	18
QN010124	1	12.4	90	1.4	1.4	±0.8	±6	17
QN010180	1	18	90	1.4	2	±0.8	±8	17
QN020080	2	8	90	1.25	0.8	±0.5	±5	20
QN020124	2	12.4	90	1.3	1	±0.6	±5	18
QN020180	2	18	90	1.5	1.6	±0.7	±8	17
QN060180	6	18	90	1.5	1.1	±0.5	±4	17
QN060265	6	26.5	90	1.6	1.8	±0.7	±8	15
QN060400	6	40	90	1.8	2	±1.2	±10	14
QN180400	18	40	90	1.7	2	±0.6	±9	14

180° Hybrids

P/N	Frequency Range (GHz)		Nominal Phase Balance (Degree)	VSWR Max.(:1)	Insertion Loss Max.(dB)	Amplitude Balance Max.(dB)	Phase Balance Max.(Deg.)	Isolation Min.(dB)
HN007060	0.76	6	180	1.3	2.3	±0.8	±8	20
HN007124	0.76	12.4	180	1.6	3.3	±0.8	±10	17
HN010124	1	12.4	180	1.4	2.6	±0.7	±8	18
HN010180	1	18	180	1.6	3.3	±1.0	±10	16
HN020124	2	12.4	180	1.5	1.8	±0.5	±8	17
HN020180	2	18	180	1.6	2	±0.7	±9	16
HN060180	6	18	180	1.6	1.5	±0.6	±8	16
HN060265	6	26.5	180	1.7	1.8	±0.7	±10	15
HN060400	6	40	180	1.9	3	±1.2	±12	13
HN100400	10	40	180	1.8	3	±1.2	±12	15
HN180400	18	40	180	1.8	2.9	±1.2	±12	15
HN265400	26.5	40	180	1.7	3	±1	±10	15
HN180500	18	50	180	1.9	4.8	±1.4	±14	12