

## 90° Hybrid Couplers

Specifications				
Model	HC90-0560	HC90-0711	HC90-1720	HC90-4040
Frequency Range	0.5 – 6.0 GHz	0.7 – 11 GHz	1.7 – 20 GHz	4 – 40 GHz
VSWR (max)	1.2		1.4	1.5
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Connector	4 × SMA <sub>female</sub>	4 × SMA <sub>female</sub>	4 × SMA <sub>female</sub>	4 × K <sub>female</sub>
Amplitude Balance (max)	1 dB		1 dB	1.2 dB
Phase Balance (max)	± 5 deg		± 5 deg	± 10 deg
Isolation (min)	20 dB		17 dB	16 dB
Insertion Loss (max)	1.2 dB		1.3 dB	2.4 dB
Design	stripline	stripline	stripline	stripline
Dimensions	130 × 48 × 13 mm		76 × 39 × 9 mm	44 × 36 × 11 mm
Notice		Coming soon		

