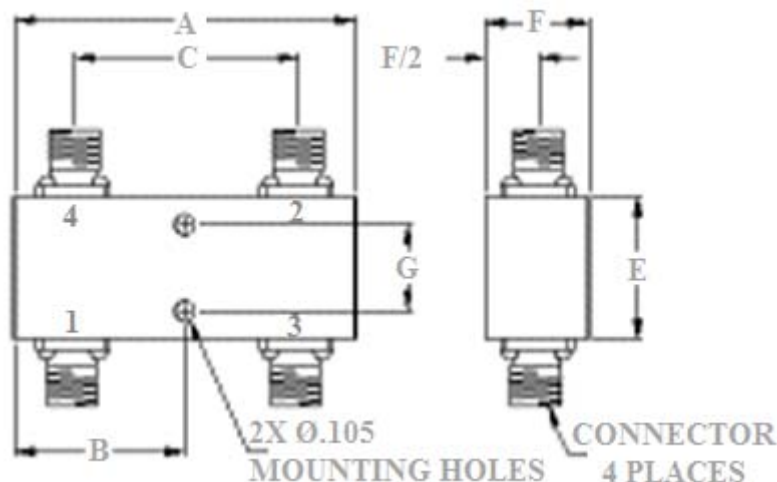


90 Degree Quadrature Hybrids, 2-18GHz, Split bands, 3.2-3.5dB Coupling, SMA Connectors, 100Watts

Outline drawing:

Units: Inch
Not to scale



Outline Dimensions							
Size #	Connector	A	B	C	E	F	G
1	SMA	1.15	0.57	0.65	0.50	0.41	0.31
2	SMA	1.00	0.50	0.50	0.58	0.38	0.31
3	SMA	2.25	1.12	1.70	0.98	0.40	0.78

Port Configuration					
Size	Input	90° Output	0° Output	Isolated	Ground
1, 2	1	4	2	3	Housing
3	1	2	4	3	Housing

Order Examples: RQH-2-16-3.5d-Sf-100W-r2

Description: (90° Quadrature Hybrids, 3.5dB coupling, SMA Female Connectors, 100Watts, r2 model)

Size#	Frequency GHz	Coupling loss dB (max)	Isolation dB (min)	Amplitude Balance dB (max)	Phase balance Deg. (max)	VSWR :1 (max)	Input Power Watts (max)*
1	2-4	3.2±0.3	22	1.2	4.0	1.20	100
2	2.6-5.2	3.2±0.3	20	1.2	4.0	1.25	100
2	4.0-8.0	3.3±0.3	18	1.4	4.0	1.25	100
2	6.0-12.4	3.4±0.8	17	1.4	6.0	1.40	100
3	2-16	3.5±0.6	18	1.2	5.0	1.35	100
2	7.5-16.0	3.6±0.8	15	1.4	8.0	1.40	100
2	12.0-18.0	3.6±0.8	15	1.4	8.0	1.40	100

*for load VSWR better than 1.20:1

RQH-2-18-xd-Sf-100W-Generic-r2

Specifications may be subject to change

08/09/10

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