

SPECIFICATION SHEET
JFW MODEL 50C-064-XX
DIRECTIONAL COUPLER

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Frequency Range 375-6000 MHz

Impedance 50 Ohms nominal

VSWR 1.25:1 maximum

Coupling Values 10 dB $\pm$ 1.0 dB
20 dB $\pm$ 1.0 dB
30 dB $\pm$ 1.5 dB

Coupling Flatness 10 dB: $\pm$ 1.0 dB maximum
 $\pm$ 0.7 dB typical
20 dB: $\pm$ 1.3 dB maximum
 $\pm$ 0.9 dB typical
30 dB: $\pm$ 1.6 dB maximum
 $\pm$ 1.1 dB typical

Insertion Loss (including Coupling Loss) 10 dB: 1.1 dB maximum
0.9 dB typical
20 dB: 0.7 dB maximum
0.5 dB typical
30dB: 0.5 dB maximum
0.4 dB typical

Directivity 15 dB minimum
19 dB typical

RF Input Power 50 Watts average

RF Connector SMA female

Temperature Range -45°C to +85°C (operating)
-55°C to +125°C (storage)

Physical Size See outline drawing 092-9188

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/09/2018		TRS 10/09/2018				