

SPECIFICATION SHEET
JFW MODEL 50C-065-XX
DIRECTIONAL COUPLER

JFW Industries, Inc.
 Phone: 317-887-1340
 sales@jfwindustries.com
 www.jfwindustries.com

Frequency Range	800-2500 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 1.0 dB
Coupling Flatness	10 dB: \pm 0.6 dB maximum \pm 0.3 dB typical 20 dB: \pm 0.8 dB maximum \pm 0.5 dB typical 30 dB: \pm 0.6 dB maximum \pm 0.3 dB typical
Insertion Loss (including Coupling Loss)	10 dB: 1.1 dB maximum 0.9 dB typical 20 dB: 0.5 dB maximum 0.25 dB typical 30dB: 0.5 dB maximum 0.2 dB typical
Directivity	20 dB minimum 22 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 092-10295

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/22/2024		TRS 05/22/2024				