SPECIFICATION SHEET
JFW MODEL 50C-070-XX
DIRECTIONAL COUPLER

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Frequency Range	0.5-18 GHz
Impedance	50 Ohms nominal
VSWR	1.6:1 maximum 1.3:1 typical 0.5-12 GHz 1.4:1 typical 12-18 GHz
Coupling Values	10 dB ± 1.0 dB 20 dB ± 1.5 dB
Coupling Flatness	± 1.0 dB maximum ± 0.7 dB typical
Insertion Loss (including Coupling Loss)	10 dB: 1.8 dB maximum 1.5 dB typical 20 dB: 1.3 dB maximum 1.0 dB typical
Directivity	12 dB minimum 0.5-12 GHz 10 dB minimum 12-18 GHz 14 dB typical 0.5-12 GHz 12 dB typical 12-18 GHz
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 092-9190

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10/24/2018	TRS 10/24/2018		