

SPECIFICATION SHEET**JFW MODEL 50C-053-XX****BI-DIRECTIONAL RESISTIVE COUPLER**

JFW Industries, Inc.
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Frequency Range DC-3100 MHz

Impedance 50 Ohms nominal

Coupling Value 10 dB $\pm$ 1dB

Available Model Numbers 50C-053-10 NF/NF/NF (all N female)
50C-053-10 NM/NF/NF (N male/N female/N female)
50C-053-10 SF/SF/SF (all SMA female)

VSWR Main Line: 1.5:1 typical
1.8:1 maximum
Coupled Port: 1.3:1 typical
1.5:1 maximum

Insertion Loss 2.0 dB nominal
2.5 dB maximum

RF Input Power 5 Watts average @ +25°C

RF Connector N or SMA (male or female)

Operating Temperature Range -40°C to +85°C

Outline Drawing Numbers 092-4908 (50C-053-XX NF/NF/NF)
092-4908-01 (50C-053-XX NM/NF/NF)
092-4908-02 (50C-053-XX SF/SF/SF)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/19/2013		BAC 06/19/2013				
25657	08/14/2015	A	BAC 08/14/2015				
29056	09/28/2018	B	TRS 09/28/2018				