

SPECIFICATION SHEET

JFW MODEL 50C-045-XX

BI-DIRECTIONAL RESISTIVE COUPLER

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Frequency Range DC-6 GHz

Impedance 50 Ohms nominal

Coupling Value 25 dB

VSWR IN/OUT Ports 1.35:1 maximum
1.25:1 typical

Coupled Port 1.5:1 maximum
1.3:1 typical

Insertion Loss 1.0 dB maximum
0.53 dB typical @ DC
0.62 dB typical @ 2 GHz
0.74 dB typical @ 6 GHz

Coupling Flatness ± 1.5 dB DC-2 GHz
± 1.0 dB 2-6 GHz

24.43 dB typical @ DC
25.09 dB typical @ 2 GHz
25.59 dB typical @ 6 GHz

RF Input Power 1 Watt average

RF Connector SMA

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

Physical Size See outline drawing 092-6392

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
| | 12/01/2009 | | TRS 12/01/2009 | | | | |
| 18630 | 05/07/2010 | A | TRS 05/07/2010 | | | | |
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