

SPECIFICATION SHEET

JFW MODEL 50FHC-XXX-25

FIXED ATTENUATOR

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Frequency Range DC-4000 MHz (1-40 dB)
DC-3000 MHz (41-60 dB)

Impedance 50 Ohms nominal

Attenuation Values 1-60 dB in any 1 dB increment
(XXX) insert value

VSWR (1-40 dB) 1.15:1 maximum DC-1000 MHz
1.35:1 maximum 1000-4000 MHz
(41-60 dB) 1.15:1 maximum DC-1000 MHz
1.35:1 maximum 1000-3000 MHz

Attenuation Accuracy (1-20 dB)
± 0.25 dB DC-1000 MHz
± 0.50 dB 1000-4000 MHz
(21-30 dB)
± 0.50 dB DC-1000 MHz
± 0.75 dB 1000-4000 MHz
(31-40 dB)
± 2% DC-2000 MHz
± 3% 2000-4000 MHz
(41-60 dB)
± 2% DC-2000 MHz
± 3% 2000-3000 MHz

RF Input Power 25 Watts average
Derate to 12.5 Watts @ +70°C

Peak Power 1000 Watts

RF Connector BNC, N, SMA, RPT, TNC, 4.1-9.5,
4.3-10.0 or 7/16
(RPT = reverse polarity TNC)

Operating Temperature Range -55°C to +100°C

Physical Size See outline drawing 092-3736

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------------|-----|----------------|
| 4668 | 08/26/2004 | E | CLV 08/26/2004 | 26007 | 12/14/2015 | G | CLK 12/14/2015 |
| 9999 | 04/23/2003 | B | SL 04/23/2003 | 26024 | 12/14/2015 | H | TRS 12/14/2015 |
| 24660 | 10/29/2014 | F | CLK 10/29/2014 | 27539 | 02/02/2017 | I | CLK 02/02/2017 |