

**SPECIFICATION SHEET**

**JFW MODEL 50FFD-XXX**

**DC PASSING FIXED ATTENUATOR**

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Frequency Range 600-1950 MHz

Description DC Passing Fixed Attenuator

Impedance 50 Ohms nominal

Attenuation Values 1 through 30 dB

VSWR 1.3:1 maximum

Attenuation Accuracy  $\pm 0.25$  dB  
 $\pm 0.1$  dB over any 10 MHz bandwidth

Insertion Loss @ 10 MHz 0.85 dB nominal (50FFD-003)  
0.95 dB nominal (50FFD-005)  
0.75 dB nominal (50FFD-006)  
0.65 dB nominal (50FFD-010)  
0.55 dB nominal (50FFD-020)  
0.55 dB nominal (50FFD-030)

RF Input Power +21 dBm maximum (120 milliWatts)

DC Current Handling 4 Amps

DC Resistance (Input to Output) 0.05 Ohms nominal

DC Breakdown Voltage 150 Volts

RF Connector N, TNC, BNC or SMA

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

Outline Drawing Numbers 092-3134 (Connector Chart)  
092-5350 (BNC F/F)  
092-3980 (BNC M/F)  
092-5349 (BNC M/M)  
092-3134 (N M/F)  
092-4276 (SMA M/F)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
13981	03/22/2007	I	CLK 03/22/2007	27494	01/23/2017	L	TRS 01/23/2017
16862	02/24/2009	J	SMR 02/24/2009	28507	02/15/2018	M	TRS 02/15/2018
26700	06/08/2016	K	CLK 06/08/2016	28604	03/23/2018	N	CLK 03/23/2018