

- ◆ Multiple Attenuation Values for design flexibility
- ◆ Guaranteed Low PIM
- ◆ 80W - 133W Average Power
- ◆ IP67 Rated
- ◆ Multiple Connector Options
- ◆ RoHS Compliant



FZ-06D



Microlab FZ series fixed coaxial attenuators are designed for high power wireless applications where guaranteed low PIM performance is critical. Standard models, except 3 dB, are unidirectional with a conventional male input feeding to a female output on the opposite face of the attenuators with no through DC path.

The 3 dB Attenuator has all female connectors, and also provides DC continuity by selecting input B, while selecting input A, the path is DC isolated. The unused port must be terminated with the supplied 2W termination. Other connector configurations are available to special order.

The design is exceptionally rugged, and negligibly affected by changes in ambient temperature.

Frequency:	617 - 2700 MHz
Impedance:	50Ω nom.
PIM:	-161 dBc (-118 dBm) min. (Test with 2x tones of +43dBm)
Peak Power:	3 kW
Environment:	-35° to +75°C*, IP67
Connectors:	Triplate
Mounting:	Brackets provided
Weight:	6.6 lbs (3.0 kg) nom. (3dB attenuator) 7.2 lbs (3.5 kg) nom.
*Derate max power by -1.2%/°C above 55°C	

4.3-10	Model Number		In-Out	Accuracy (dB)		VSWR In/Out	Power (W)
	N-type	7/16 DIN		617-694 MHz	694-2700 MHz		
FZ-03FE	FZ-03FN	FZ-03FD	f-f	3±0.9	3±0.5	<1.20:1	80
FZ-06E	FZ-06N	FZ-06D	m-f	6.2+1.2/-1.0	6.2±1.0	<1.25:1	133
FZ-10E	FZ-10N	FZ-10D	m-f	10+1.2/-1.0	10±1.0	<1.25:1	110
FZ-15E	FZ-15N	FZ-15D	m-f	15+1.5/-0.8	15±1.0	<1.25:1	100
FZ-20E	FZ-20N	FZ-20D	m-f	20+1.3/-1.0	20±1.0	<1.25:1	100
FZ-30E	FZ-30N	FZ-30D	m-f	30+1.6/-1.3	30±1.3	<1.25:1	100

Note: Specifications are subject to change without prior notification.

28FEB2020

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