

Low PIM 10W Attenuators, FY series

Wideband, Low PIM Attenuators for Wireless Apps. 698 - 2700 MHz, N, 7-16, 4.1-9.5, and 4.3-10 Rev. B

- 6, 10, 15 & 20 dB Attenuation Values
- Guaranteed Low PIM
- Available in 4.3-10, 4.1-9.5 DIN,
 - 7-16 DIN or N-type Connectors
- Wideband Performance
- 10 Watt Average Power
- RoHS Compliant
- Effective for all low PIM applications



Microlab FY Series is a low PIM, unidirectional Attenuator, using a multi section, quarter wave, stripline coupler with a low PIM cable load. It is designed for indoor applications covering all wireless bands from 698 to 2,700 MHz. This model couples off a portion of the input power to the output. This achieves a flat attenuation response over a wide frequency range.

The wide frequency range allows use with multiband antennas and leaky cable systems and in wireless base stations. With minimal solder joints and an air dielectric, the dissipative loss has been minimized and reliability enhanced.

Model Number N-type 4.1-9.5 7-16		Attenuation 4.3-10 Nom. Value Flatness			Power Max avg.	Frequency Range: VSWR: (all ports)	 698 to 2,700 MHz <1.25:1 (698-2500 MHz) <1.35:1 (2500-2700 MHz)
FY-06N FY	7-06C FY-06D	FY-06E	6.5 dB	±0.8 dB	<13W	PIM (Intermod): Impedance:	: <-110 dBm (+37dBm x 2) 50Ω nominal
FY-10N FY	/-10C FY-10D	FY-10E	10.5 dB	±1.0 dB	<10W	Environment:	-20° - +70°C, Indoor Passivated aluminum
FY-15N FY	/-15C FY-15D	FY-15E	15.5 dB	±1.0 dB	<10W	Connectors:	Male-Female, Triplate finish
FY-20N FY	(-20C FY-20D	FY-20E	20.5 dB	±1.0 dB	<10W	Dimensions: Weight:	22.3 oz. (0. 63kg) nominal



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