



2, 3 & 4 way Block & Tube Style, Reactive Dividers Super wideband, 700 - 3,800 MHz, N connectors

- Multiple-Band Frequency PCS, UMTS, WiMAX, WiFi
- ♦ 500 Watt Average Power
- Minimal RF Insertion Loss
- High Reliability, IP67
- Low Specified PIM
- ♦ RoHS Compliant
- Low Cost Design

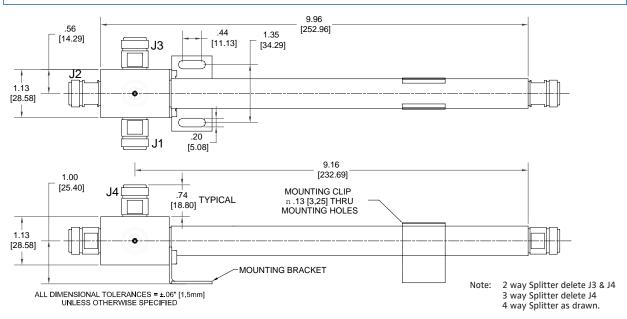


Microlab Model Dx-86FN series of 2, 3 and 4 way Power Splitters has been designed to evenly split high power cellular and WiMAX signals with minimal reflections or loss. All joints are moisture sealed to meet the IP67. The mechanical shape allows easy attachment to wall using the supplied clip and bracket.

The wide frequency range allows use with multiband antennas and leaky cable systems. With few solder joints and an air dielectric, the loss has been minimized and reliability enhanced. (02/09)

Impedance: 50Ω nominal Power Rating: 500W avg, 3kW pk. PIM, Passive IM: <-150 dBc* (2 tones at +43 dBm) Temperature: -35°C to +75°C IP67, RoHS compliant **Environment:** Finish: Connectors: N (f), Triplate Passivated aluminum Housing: Mounting: Bracket & clip supplied *higher PIM performance to order

No. of	Frequency	Split	Insertion	Amplitude	Input	Power Rating		Weight, nom.	
Ways	Band, MHz	Loss	Loss	Balance, typ.	VSWR	Avg	Peak	lbs.	(kg)
2	700 - 3800	3 dB	<0.15 dB	0.25dB	<1.20:1	500W	3 kW	0.55	(0.25)
3	700 - 3800	4.8 dB	<0.15 dB	0.25dB	<1.25:1	500W	3 kW	0.7	(0.35)
4	700 - 3800	6 dB	<0.15 dB	0.25dB	<1.25:1	500W	3 kW	0.85	(0.40)
	Ways 2 3	Ways Band, MHz 2 700 - 3800 3 700 - 3800	Ways Band, MHz Loss 2 700 - 3800 3 dB 3 700 - 3800 4.8 dB	Ways Band, MHz Loss Loss 2 700 - 3800 3 dB <0.15 dB 3 700 - 3800 4.8 dB <0.15 dB	Ways Band, MHz Loss Loss Balance, typ. 2 700 - 3800 3 dB <0.15 dB 0.25dB 3 700 - 3800 4.8 dB <0.15 dB 0.25dB	Ways Band, MHz Loss Loss Balance, typ. VSWR 2 700 - 3800 3 dB <0.15 dB 0.25dB <1.20:1 3 700 - 3800 4.8 dB <0.15 dB 0.25dB <1.25:1	Ways Band, MHz Loss Loss Balance, typ. VSWR Avg 2 700 - 3800 3 dB <0.15 dB 0.25dB <1.20:1 500W 3 700 - 3800 4.8 dB <0.15 dB 0.25dB <1.25:1 500W	Ways Band, MHz Loss Loss Balance, typ. VSWR Avg Peak 2 700 - 3800 3 dB <0.15 dB 0.25dB <1.20:1 500W 3 kW 3 700 - 3800 4.8 dB <0.15 dB 0.25dB <1.25:1 500W 3 kW	Ways Band, MHz Loss Loss Balance, typ. VSWR Avg Peak lbs. 2 700 - 3800 3 dB <0.15 dB 0.25dB <1.20:1 500W 3 kW 0.55 3 700 - 3800 4.8 dB <0.15 dB 0.25dB <1.25:1 500W 3 kW 0.7



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