



2, 3 & 4 way Block & Tube Style, Reactive Dividers Super wideband, 380 - 2,500 MHz, N

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



Microlab Model Dx-88FN series of 2, 3 and 4 way Power Splitters has been designed to evenly split high power cellular signals with minimal reflections or loss. All joints are moisture sealed to meet the IP67 rating. The mechanical shape allows simple 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. Similar splitters with 7-16 mm connectors are available. (01/09)

 $\begin{array}{lll} \text{Impedance:} & 50\Omega \text{ nominal} \\ \text{Power Rating:} & 500\text{W avg, 3kW pk.} \\ \text{PIM, Passive IM:} & <-150 \text{ dBc*} \\ & (2 \text{ tones at } +43 \text{ dBm}) \end{array}$

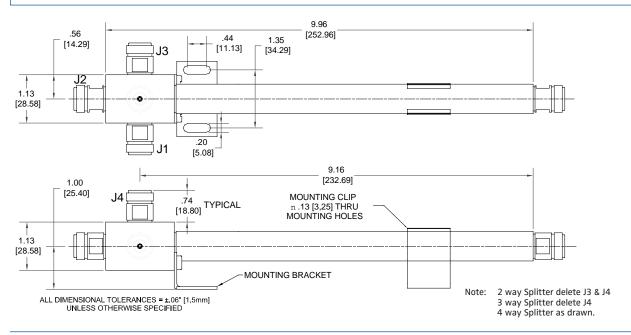
Temperature: -35°C to +75°C Environment: IP67, RoHS compliant

Finish: Connectors: N (f), Triplate

Housing: Passivated aluminum
Mounting: Clip & bracket supplied

*higher PIM performance to order

Model Number	No. of Ways	Frequency Band, MHz	Split Loss	Insertion Loss	Amplitude Balance, typ.	Input VSWR	Power Avg	Rating Peak	Weigh lbs.	t, nom. (kg)
D2-88FN	2	380 - 2500	3 dB	<0.05 dB	0.15dB	<1.20:1	500W	3 kW	0.65	(0.30)
D3-88FN	3	380 - 2500	4.8 dB	<0.05 dB	0.25dB	<1.25:1	500W	3 kW	0.70	(0.32)
D4-88FN	4	380 - 2500	6 dB	<0.05 dB	0.25dB	<1.30:1	500W	3 kW	0.75	(0.34)



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