

- ◆ Standard Frequency Bands
- ◆ Up to 500 W Average Power
- ◆ Minimal RF Insertion Loss
- ◆ High Reliability, IP67
- ◆ Guaranteed Low PIM
- ◆ RoHS Compliant
- ◆ Low Cost Design

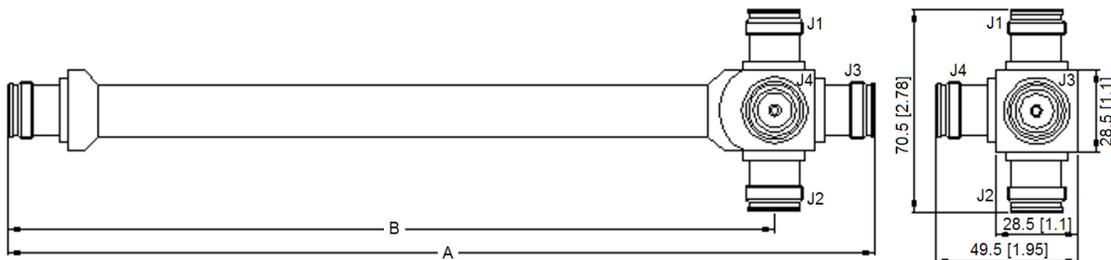


Microlab Model Dx-08FE of 2, 3 and 4 way Power Splitters has been designed to evenly split high power cellular and public safety signals with minimal reflections or loss. All joints are moisture sealed with o-rings to meet IP67. The mechanical shape allows easy attachment to wall using the supplied clips.

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. Units are also available with either N or 7-16 mm connectors.

Frequency Range: 380 - 2700 MHz  
Amplitude Balance:  $\pm 0.3$  dB  
Impedance: 50 $\Omega$  nominal  
PIM, Passive IM: <-155 dBc (-112 dBm)  
(2 tones at +43 dBm)  
Temperature: -40°C to +85°C  
Environment: IP67, RoHS compliant  
Finish, Connectors: 4.3-10 (f), Triplate  
Housing: Passivated aluminum  
Mounting: 2 Clips supplied

Model No/Connectors 4.3-10	No. of Ways	Split Loss	Insertion Loss	Input VSWR	Power Rating Average CW	Weight, oz (g) nominal
<b>D2-08FE</b>	2	3 dB	<0.1 dB	<1.25:1	500W	10.7 (304)
<b>D3-08FE</b>	3	4.8 dB	<0.1 dB	<1.25:1	500W	12.0 (340)
<b>D4-08FE</b>	4	6 dB	<0.1 dB	<1.30:1	500W	13.1 (372)



Note: 2 way Splitter delete J3 & J4  
3 way Splitter delete J4  
4 way Splitter as drawn.

Dimensions, mm [in] nominal.			
	D2-08FE	D3-08FE	D4-08FE
<b>A</b>	288 [11.3]	304 [12.0]	304 [12.0]
<b>B</b>	274 [10.8]	268 [10.6]	268 [10.6]