

\$ Saver Product Line

- ◆ Multiple-Band Frequency Cellular, UMTS & WiFi
- ◆ 300 Watt Average Power
- ◆ Minimal RF Insertion Loss
- ◆ High Reliability, IP65
- ◆ Low Specified PIM
- ◆ RoHS compliant
- ◆ Low Cost Design

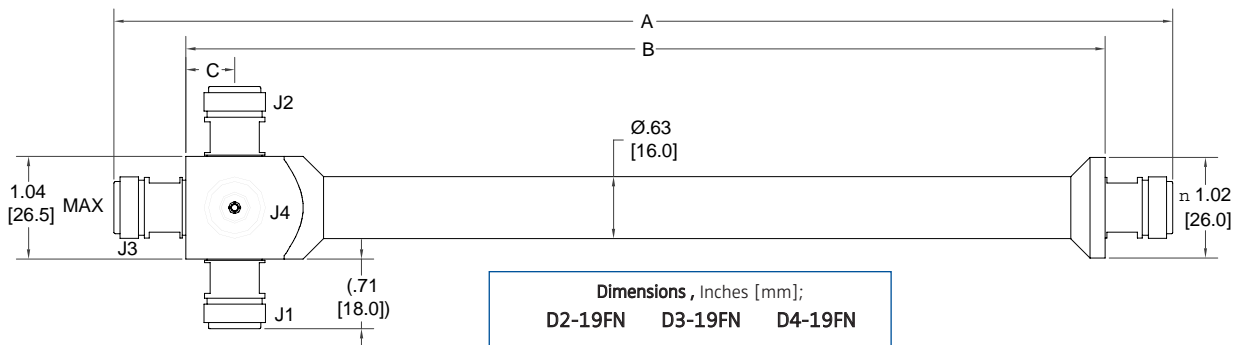


Microlab Model Dx-19FN series of 2, 3 and 4 way Power Splitters has been designed to evenly split high power cellular signals with minimal reflections or loss. The design allows simple attachment to wall using the supplied bracket and clip.

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. See Dx-85FD for similar units with 7-16 mm DIN connectors. (2/09)

Impedance:	50Ω nominal
PIM, Passive IM:	<-150 dBc* (2 tones at +43 dBm)
Environment:	IP65, -35°C to +85°C RoHS compliant
Finish: Connectors:	N (f), Triplate
Housing:	Passivated aluminum
Mounting:	Clip supplied on request
*higher guaranteed PIM performance to order	

Model Number	No. of Ways	Frequency Band, MHz	Split Loss	Insertion Loss	Amplitude Balance, typ.	Input VSWR	Power Rating Avg Peak	Weight, nom. lbs. (kg)
D2-19FN	2	700 - 2700	3 dB	<0.1 dB	0.20dB	<1.20:1	300W 3 kW	0.51 (0.23)
D3-19FN	3	700 - 2700	4.8 dB	<0.1 dB	0.25dB	<1.25:1	300W 3 kW	0.60 (0.27)
D4-19FN	4	700 - 2700	6 dB	<0.1 dB	0.40dB	<1.30:1	300W 3 kW	0.70 (0.32)



	Dimensions, Inches [mm];		
	D2-19FN	D3-19FN	D4-19FN
A	7.75 [197]	8.94 [227]	8.94 [227]
B	7.01 [178]	7.52 [191]	7.52 [191]
C	0.58 [15]	0.50 [13]	0.50 [13]

Note
D2-19FN 2 way Splitter delete J3 & J4
D3-19FN 3 way Splitter delete J4
D4-19FN 4 way Splitter as drawn.