

\$ Saver Product Line

- ◆ Multiple-Band Frequency Cellular, UMTS & WiFi
- ◆ Up to 500W Average Power
- ◆ Minimal RF Insertion Loss
- ◆ High Reliability, IP65
- ◆ Low Specified PIM
- ◆ RoHS compliant
- ◆ Low Cost Design

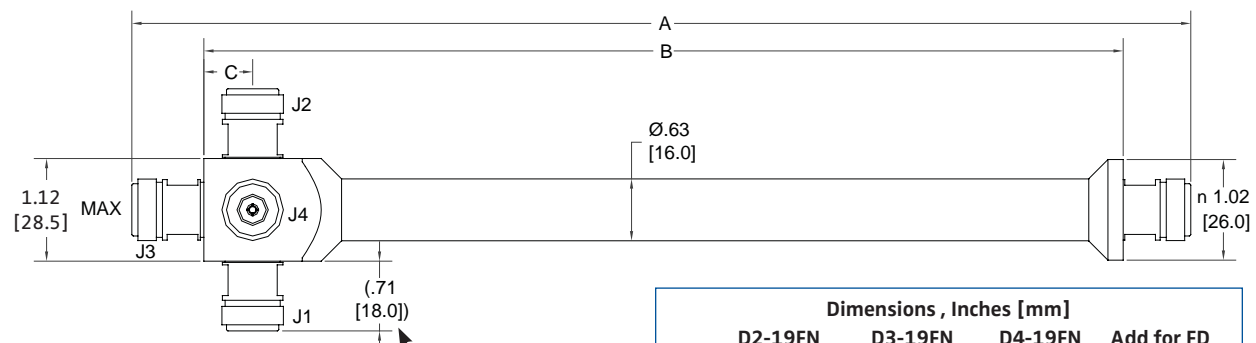


Microlab Model Dx-19 series of 2, 3 and 4 way Power Splitters available in 7-16 DIN and N versions, has been designed to evenly split high power cellular signals with minimal reflections or loss. The design allows simple attachment to wall using the supplied clips.

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. Other similar splitters are available with 380-2700 and 698-3800 MHz frequency ranges. (01/13)

Frequency Range:	698 - 2700 MHz
Impedance:	50Ω nominal
Power: N model	300W avg.
7-16 DIN	500W avg.
PIM, Passive IM:	<-150 dBc (2 tones at +43 dBm)
Environment:	IP65, -35°C to +85°C RoHS compliant
Finish: Connectors:	(f) Triplate
Housing:	Passivated aluminum
Mounting:	Clips supplied

Model Number/Conn 7-16 DIN	Conn N	No. of Ways	Split Loss	Insertion Loss	Amplitude Balance, typ.	Input VSWR	DIN Weight, nom. lbs. (kg)	N Weight, nom. lbs. (kg)
D2-19FD	D2-19FN	2	3 dB	<0.1 dB	0.20dB	<1.20:1	0.68 (0.31)	0.51 (0.23)
D3-19FD	D3-19FN	3	4.8 dB	<0.1 dB	0.25dB	<1.25:1	0.84 (0.38)	0.60 (0.27)
D4-19FD	D4-19FN	4	6 dB	<0.1 dB	0.40dB	<1.30:1	0.97 (0.44)	0.66 (0.30)



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

This dimension with
7-16 mm connectors
is 0.78 [19.7].

	Dimensions, Inches [mm]			
	D2-19FN	D3-19FN	D4-19FN	Add for FD
A	7.75 [197]	8.94 [227]	8.94 [227]	0.07 [1.7]
B	7.01 [178]	7.52 [191]	7.52 [191]	same
C	0.56 [14.2]	0.56 [14.2]	0.56 [14.2]	same