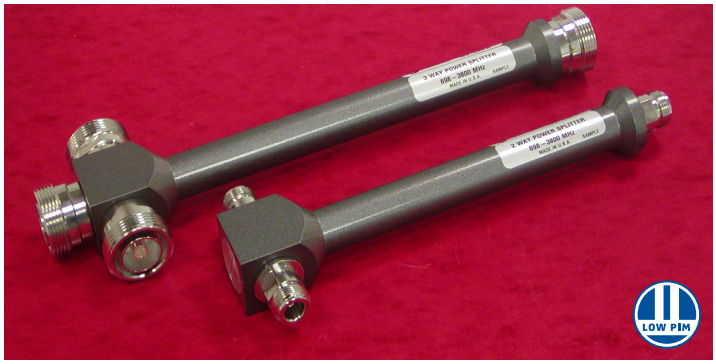
Power Splitters, Dx-16 series

2, 3 & 4 way Tube Style, Reactive Power Dividers
Super wideband, 694 - 3,800 MHz, N & 7/16 DIN
Rev. E

$ Saver Product Line

- Multiple-Band Frequency
  700, 850, 900, PCS, UMTS, WCS, CBRS, Band 43,WiFi, LTE-LAA
- Up to 500 W Average Power
- Minimal RF Insertion Loss
- High Reliability, IP67
- Low Specified PIM
- RoHS Compliant
- Low Cost Design

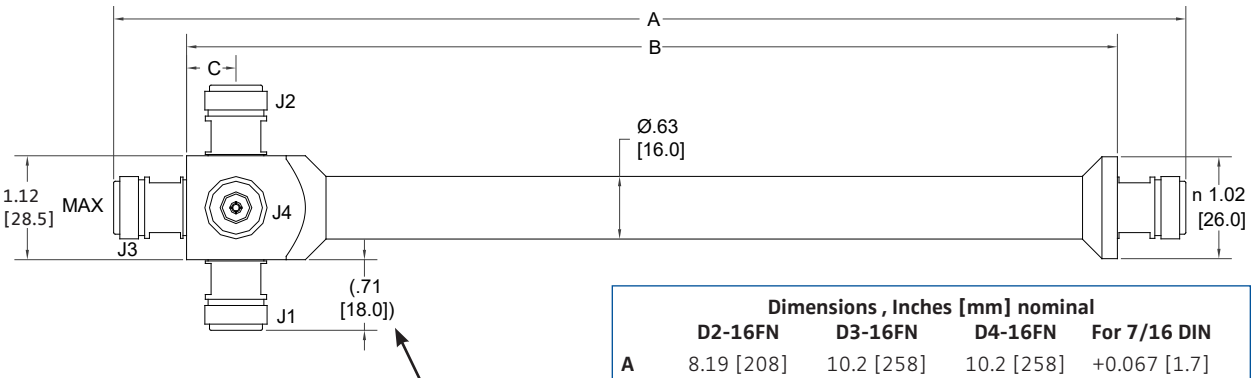


Microlab Model Dx-16 series of 2, 3 and 4 way Power Splitters have been designed to evenly split high power cellular, Wi-Fi, and LTE-LAA signals with minimal reflections or loss. All joints are moisture sealed to meet the IP67. The mechanical shape allows easy attachment to a wall using the supplied 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 available with either N or 7/16 DIN connectors.

Frequency Range:	694 - 3800 MHz
Impedance:	50Ω nominal
Power Rating, 7/16:	500W avg.
Power Rating, N:	300W avg.
PIM, Passive IM:	<-161 dBc (-118 dBm) (2 tones at +43 dBm)
Temperature:	-35°C to +85°C
Environment:	IP67, RoHS compliant
Finish: Connectors:	N or 7/16 DIN (f), Triplate
Housing:	Passivated aluminum
Mounting:	2 Clips supplied

Model No/Connectors N (f)	7/16 DIN(f)	No. of Ways	Split Loss	Insertion Loss 694 -2500	2500-3800	Input VSWR	Weight, oz [g] nom. N	7/16 DIN
D2-16FN	**D2-16FD**	2	3 dB	<0.1 dB	<0.2 dB	<1.20:1	7.5 [210]	10.4 [290]
D3-16FN	**D3-16FD**	3	4.8 dB	<0.1 dB	<0.2 dB	<1.25:1	8.9 [250]	12.9 [360]
D4-16FN	**D4-16FD**	4	6 dB	<0.1 dB	<0.2 dB	<1.30:1	10.0 [280]	15.0 [420]



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

This dimension with 7/16 mm DIN connectors is 0.78 [19.7] nom.

Dimensions , Inches [mm] nominal	D2-16FN	D3-16FN	D4-16FN	For 7/16 DIN
A	8.19 [208]	10.2 [258]	10.2 [258]	+0.067 [1.7]
B	7.50 [190]	8.74 [222]	8.74 [222]	same as N
C	0.56 [14.2]	0.56 [14.2]	0.56 [14.2]	same as N

Note: Specifications are subject to change without prior notification.

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