Power Splitter, Dx-08 series

2, 3 & 4 way Tube Style, Reactive Power Dividers
Wideband, 380 - 2,700 MHz, N & 7-16
Rev. E

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

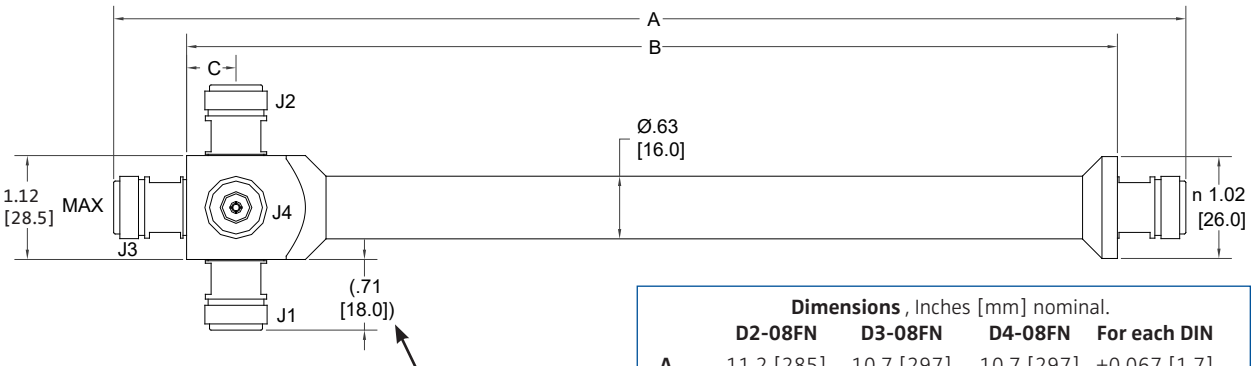
Microlab Model Dx-08 series of 2, 3 and 4 way Power Splitters has been designed to evenly split high power commercial cellular and tetra signals with minimal reflections or loss. All joints are moisture sealed with o-rings to meet IP67. The mechanical shape allows easy attachment to wall using the supplied 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 available with either N or 7-16 mm connectors. See Dx-08FE for 4.3-10.

Frequency Range:	380 - 2700 MHz
Amplitude Balance:	± 0.3 dB
Impedance:	50Ω 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:	N or 7-16 (f), Triplate
Housing:	Passivated aluminum
Mounting:	2 Clips supplied

*higher PIM performance to order

Model No/Connectors N (f)	7-16 (f)	No. of Ways	Split Loss	Insertion Loss	Input VSWR	Power Rating, Avg. N	7-16	Weight, oz (g) nom. N	7-16
D2-08FN	**D2-08FD**	2	3 dB	<0.1 dB	<1.25:1	300W	500W	19 (330)	22 (410)
D3-08FN	**D3-08FD**	3	4.8 dB	<0.1 dB	<1.25:1	300W	500W	20 (370)	24 (480)
D4-08FN	**D4-08FD**	4	6 dB	<0.1 dB	<1.30:1	300W	500W	21 (400)	26 (540)



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] nom.

Dimensions, Inches [mm] nominal.

	D2-08FN	D3-08FN	D4-08FN	For each DIN
A	11.2 [285]	10.7 [297]	10.7 [297]	+0.067 [1.7]
B	10.5 [267]	10.3 [262]	10.3 [262]	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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