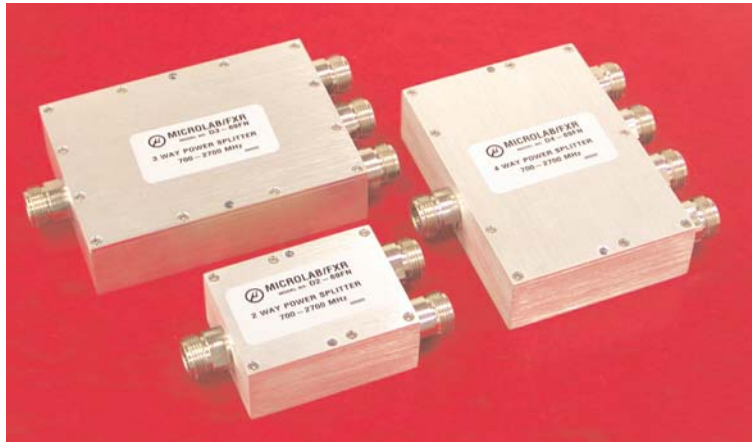


GPS \$ Saver Product Line

- ◆ 698 - 2,700 MHz Multi-Band Frequency Range
- ◆ 5 & 10 W Power Rating
- ◆ Low RF Insertion Loss
- ◆ 20 dB Isolation
- ◆ RoHS compliant
- ◆ Low Cost N Design



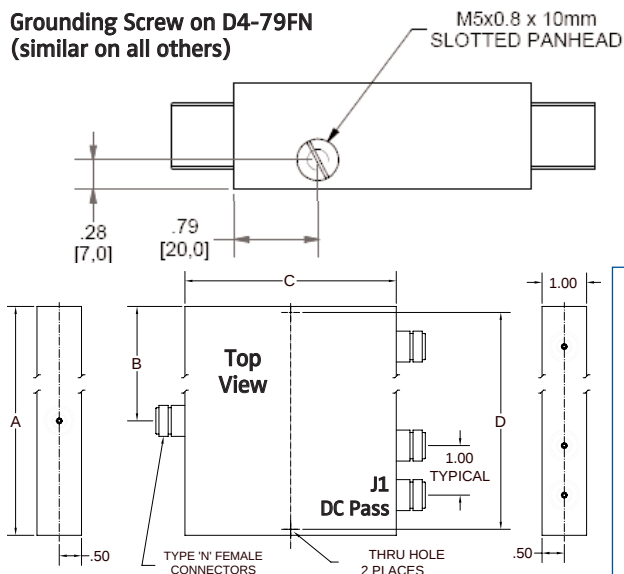
Microlab Model Dx-79FN series of Wilkinson style Power Dividers, based on the Dx-69FN series, has been designed for GPS applications, which require only one signal path to pass DC. The unit has broad frequency coverage from 698 to 2700 MHz, and offers high output isolation and good VSWR. The unit is also available with SMA connectors. (11/10-1)

Model Number	No. of Ways	Split Loss	Output Isolation	Insertion Loss, max.	Amplitude Balance	VSWR All Ports	Power Rating*
D2-79FN	2	3 dB	>20 dB	0.4 dB	<0.3 dB	<1.25:1	10W avg.
D3-79FN	3	4.8 dB	>20 dB	0.5 dB	<0.6 dB	<1.30:1	5W avg.
D4-79FN	4	6 dB	>20 dB†	0.6 dB	<0.3 dB	<1.25:1	10W avg.
D6-79FN	6	7.8 dB	>20 dB	1.0 dB	<0.8 dB	<1.40:1	5W avg.
D8-79FN	8	9 dB	>20 dB	1.0 dB	<0.8 dB	<1.40:1	5W avg.

†>20 dB 800 - 2500 MHz; >19 dB 700 - 2700 MHz

*Used as divider into load(s) with VSWR <1.2:1

Grounding Screw on D4-79FN (similar on all others)



Bandwidth: 698 - 2,700 MHz
DC Path: Output 1 only, 200mA max.
Impedance: 50Ω nominal
Environment: -30 to +60°C, Indoor
Housing: Passivated Aluminum
Connectors: N (f) triplate

Dimensions and Weight: Inches (mm); Wt: oz (g) nom.

	D2-79FN	D3-79FN	D4-79FN	D6-79FN	D8-79FN
A	1.81 (46)	2.91 (74)	4.00 (101)	6.50 (165)	8.36 (212)
B	0.91 (23)	1.46 (37)	2.00 (51)	3.25 (83)	4.18 (106)
C	2.40 (61)	4.06 (103)	2.80 (71)	5.95 (151)	4.80 (122)
D	1.61 (41)	2.71 (69)	3.82 (97)	6.15 (156)	8.05 (204)
Ø	0.12 (3.0)	0.12 (3.0)	0.12 (3.0)	0.12 (3.0)	0.12 (3.0)
Wt.	6.6 (185)	14.8 (415)	15.2 (395)	38.4 (1.10k)	41.1 (1.15k)