

- ◆ Designed for VHF/UHF/PS700/PS800 Public Safety DAS
- ◆ Guaranteed Low PIM
- ◆ 100W avg. power
- ◆ Low RF Insertion Loss
- ◆ IP67 Rated
- ◆ In-line N-type connectors
- ◆ RoHS compliant



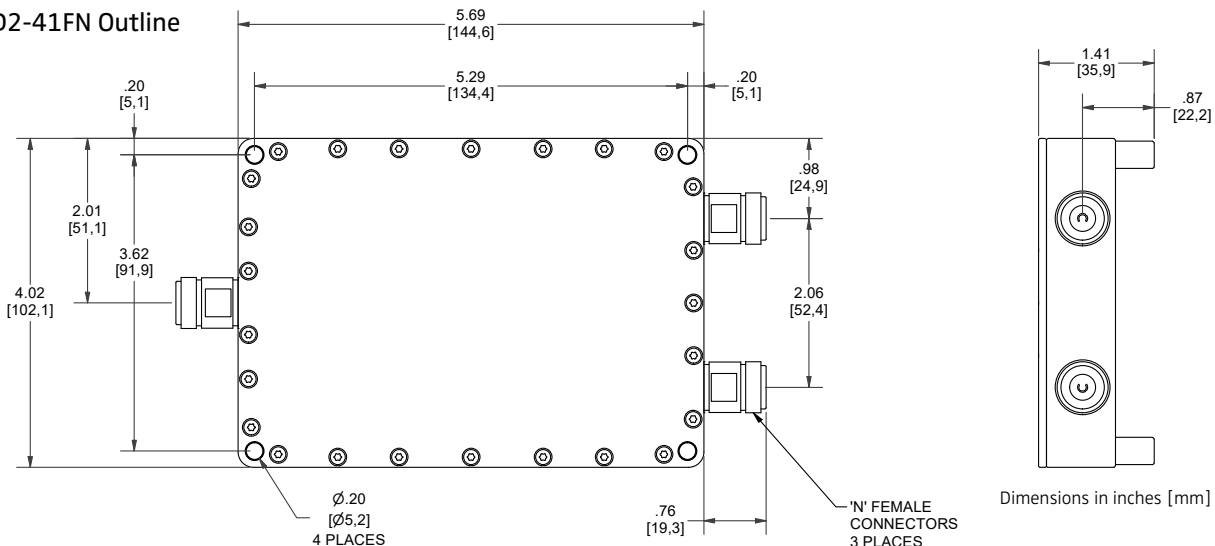
Microlab Dx-41FN series 2/3/4-way reactive power dividers cover the entire Public Safety spectrum from 138 - 960 MHz using a unique design that keeps the size of the unit small for easier DAS installations.

Dx-41FN is utilized in VHF, UHF, FirstNet, PS700, PS800 MHz and 900 MHz Critical Communications networks.

Impedance:	50 Ω nom.
Input Power:	100 W avg.
Environment:	-50° to +70°C, IP67
PIM:	-161 dBc typ, <-158 dBc (Test with 2x +43dBm tones at 25°C)
Housing Finish:	Passivated Al., Painted
Connectors:	N-type, Triplate

Model	Split	Split Loss dB	Dissipative Loss, dB	Frequency Range, MHz	Input VSWR Min.	Amplitude Balance, Typ.	Weight lbs (kg)
D2-41FN	2	3	<0.4	138-174	1.30:1	0.15 dB	1.60 (0.75)
				174-960	1.20:1		
D3-41FN	3	4.8	<0.45	138-174	1.40:1	0.25 dB	2.30 (1.05)
				174-960	1.20:1		
D4-41FN	4	6	<0.5	138-174	1.45:1	0.4 dB	2.80 (1.09)
				174-900	1.25:1		
				900-960	1.30:1		

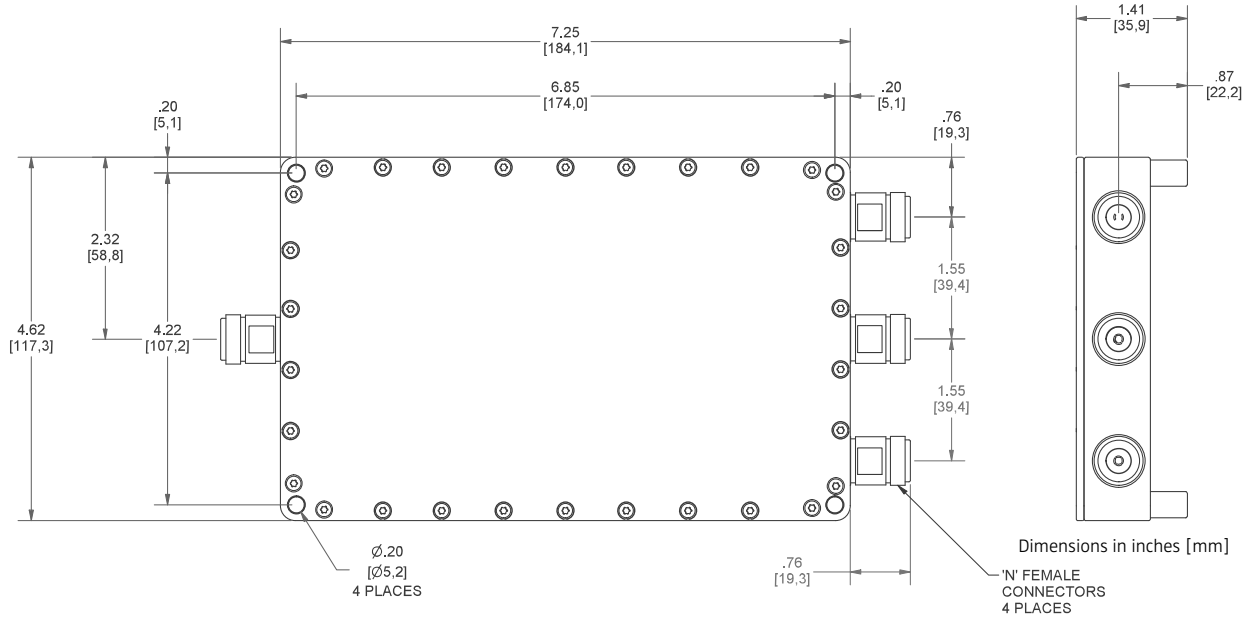
D2-41FN Outline



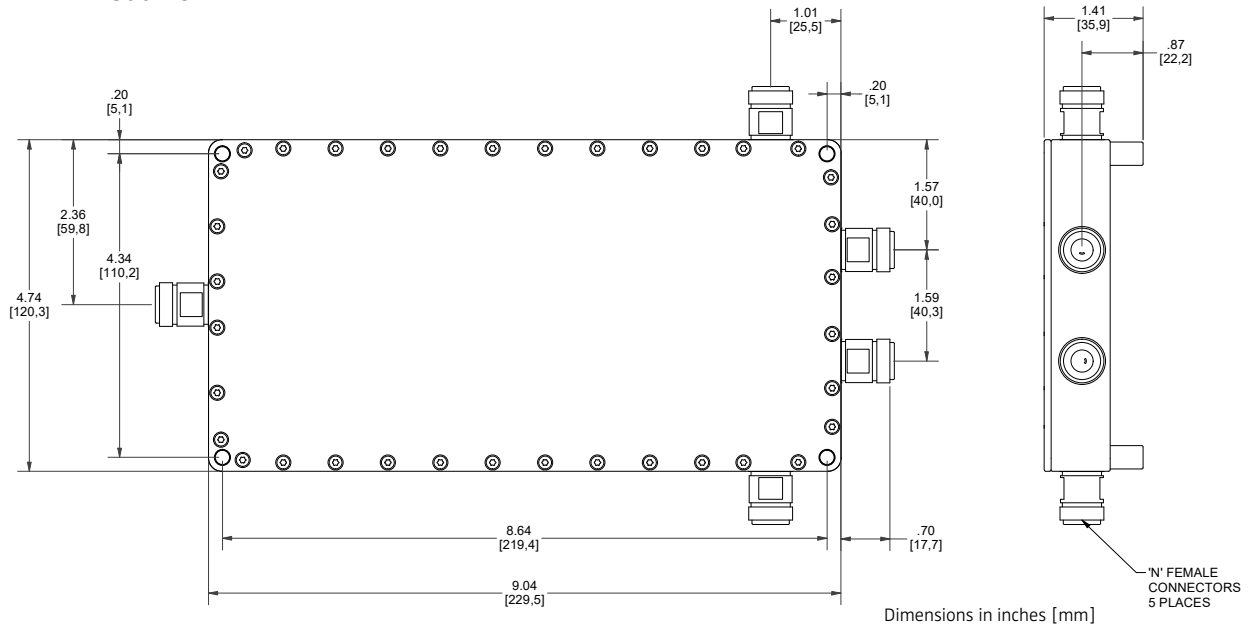
Note: Specifications are subject to change without prior notification.

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D3-41FN Outline



D4-41FN Outline



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