

- ◆ Designed for Public Safety DAS
- ◆ 100W avg. Power
- ◆ Models for Outdoor Environments
- ◆ Low RF Insertion Loss
- ◆ RoHS compliant
- ◆ Rugged, Reliable Design
- ◆ Inline N Connectors for easier installation
- ◆ 4.3-10 available as special order



Model D2-41FN

This Dx-41 series of 2, 3 & 4 way Reactive style Power Dividers covers the Public Safety spectrum of 138 - 960 MHz using a unique design that keeps the size of the unit manageable for DAS installations.

One part number handles VHF, UHF, FirstNet, 700 MHz, 800 MHz and 900 MHz Critical Communications.

For use in outdoor environments add the suffix 'P' to Model No. (e.g., **D2-41FNP**)

Impedance: 50Ω nominal
 Power as divider: 100W avg., (Load VSWR<1.2:1)
 Environment: -50° to +70°C
 PIM (Intermod): <-158 dBc, -161 dBc typ (+43dBm x2)
 Housing Finish:
 Indoor/IP64: Standard Model, Passivated Al.
 Outdoor/IP67: Painted,
 Add P to Model No.
 Connectors: Triplate

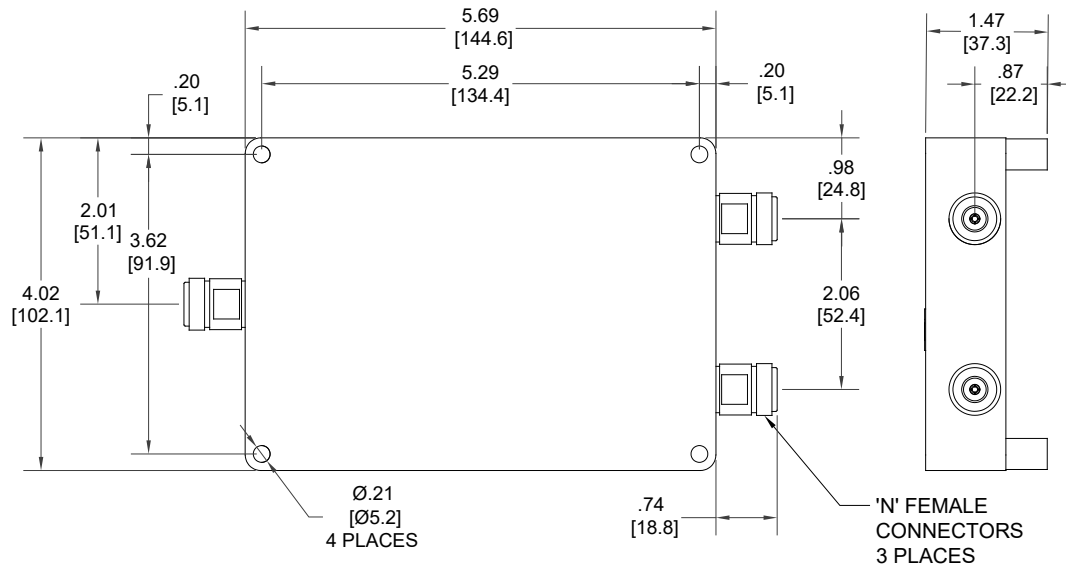
Model N (f)	4.3-10 (f)	Frequency Range MHz	No. of Ways	Split Loss dB nom	Dissipative Loss typ.	VSWR [‡]	Amplitude Balance typ.	Weight nom. oz (kg)
D2-41FN	*D2-41FE	138 - 174 174 - 960	2	3	<0.4 dB	1.30:1 1.20:1	0.15 dB	28 (0.8)
D3-41FN	*D3-41FE	138 - 174 174 - 960	3	4.8	<0.45 dB	1.40:1 1.20:1	0.25 dB	40 (1.1)
D4-41FN	*D4-41FE	138 - 174 174 - 900 900 - 960	4	6	<0.5 dB	1.40:1 1.25:1 1.30:1	0.3 dB	50 (1.4)

*Models in development

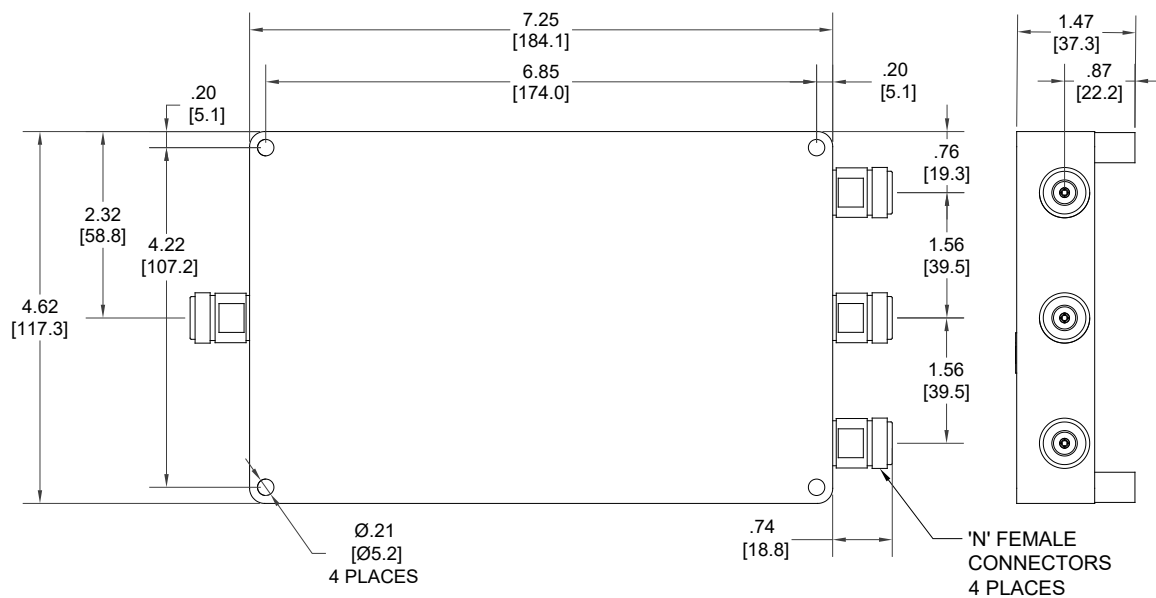
Note: Specifications are subject to change without prior notification.

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D2-41FN Outline

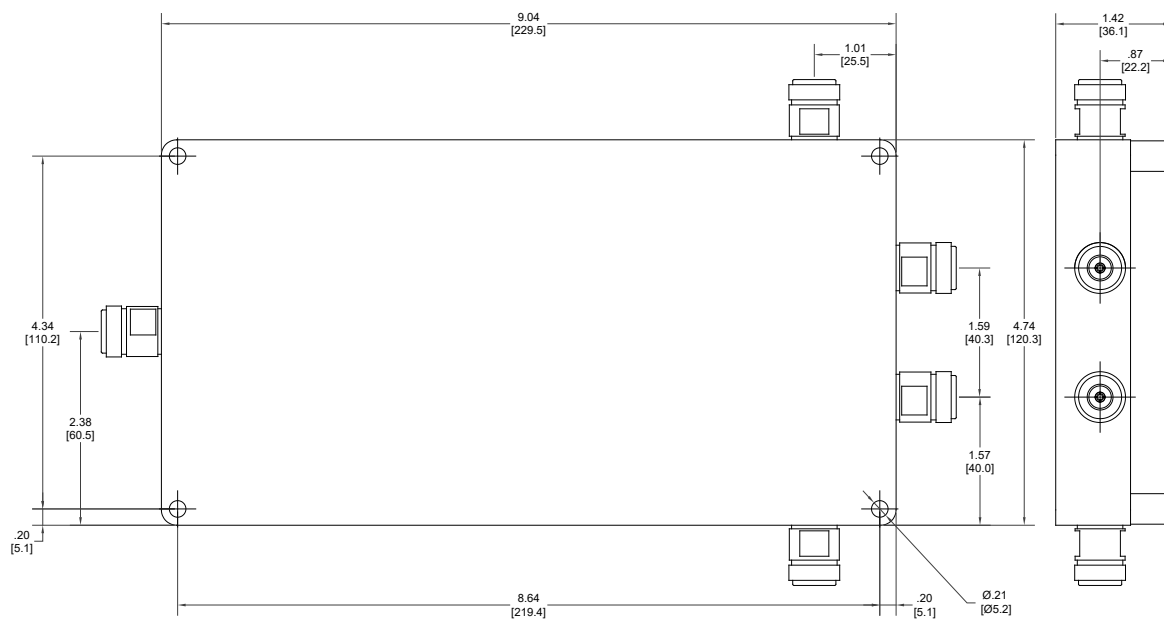


D3-41FN Outline



Dimensions in inches [mm]

D4-41FN Outline



Dimensions in inches [mm]