## **Power Splitters, Dx-49FN**



2 & 4 way Ultra Broadband, Wilkinson Power Dividers Opposed Connectors, 350 - 6,000 MHz, N-type

- Designed for DAS covering all wireless bands to 6 GHz
- ♦ 10W avg. Power as Divider
- ♦ Low RF Insertion Loss
- High Isolation
- ♦ RoHS compliant
- Rugged, Reliable Design
- Opposed N Connectors for easier installation



This Dx-49FN series of 2 & 4 way Wilkinson style Power Dividers covers the ultra broad band of 350 - 6,000 MHz using a multi-section microstrip design.

The broad bandwidth and output isolation of this product can eliminate the need for multiple cable paths in the design of distributed antenna systems. (01/09)

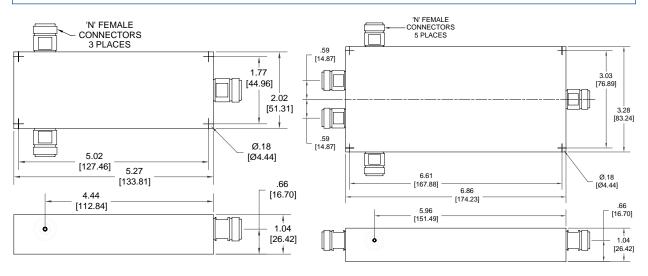
Impedance:  $50\Omega$  nominal

Power, as divider: 10W avg., (Load VSWR<1.2:1)

Power, as combiner: 100mW max. average per port

Environment: -50° to +70°C, IP65
Finish: Connectors: N(f), silver or triplate
Housing: Passivated aluminum

Model	Frequency	No.	Split	Isolation	Dissipative	Output Balance		VSWR		Weight
	Range MHz	of Ways	Loss dB nom	dB min	Loss, dB max.	Amplitude typ.	Phase typ.	Input max	Output max	nom. oz (g)
D2-49FN	350 - 5000 5000 - 5850	2	3	>20 >16	<0.9	0.2 dB	10°	1.40:1	1.30:1 1.40:1	16 (455)
D4-49FN	500 - 5000 350 - 5850	4	6	>20 >14	<1.0 <1.5	0.5 dB	-	1.40:1	1.30:1 1.40:1	28 (800)



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