

- ◆ 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. (11/09)

Impedance: 50Ω nominal
 Power, as divider: 10W avg., (Load VSWR<1.2:1)
 Power, as combiner: 100mW max. average per port
 Environment: -50° to +70°C, IP64 (IP67 to order)
 Finish: Connectors: N(f), triplate
 Housing: Passivated aluminum

Model	Frequency Range MHz	No. of Ways	Split Loss dB nom	Isolation dB min	Dissipative Loss, dB max.	Output Balance Amplitude typ.	Output Balance Phase typ.	VSWR Input max	VSWR Output max	Weight 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)

