



50W Power Splitters, Dx-75FF series

2, 3 & 4 way, Low Loss, In-line Wilkinson Dividers
Rated for 50W, 698 - 2,700 MHz, SMA

Advanced Data

\$ *Saver Product*

- ◆ 698 - 2,700 MHz Multi-Band Frequency Range
- ◆ 50 W Power Rating
- ◆ Low RF Insertion Loss
- ◆ 20 dB Isolation
- ◆ RoHS compliant
- ◆ Low Cost SMA Design
- ◆ Stock Delivery



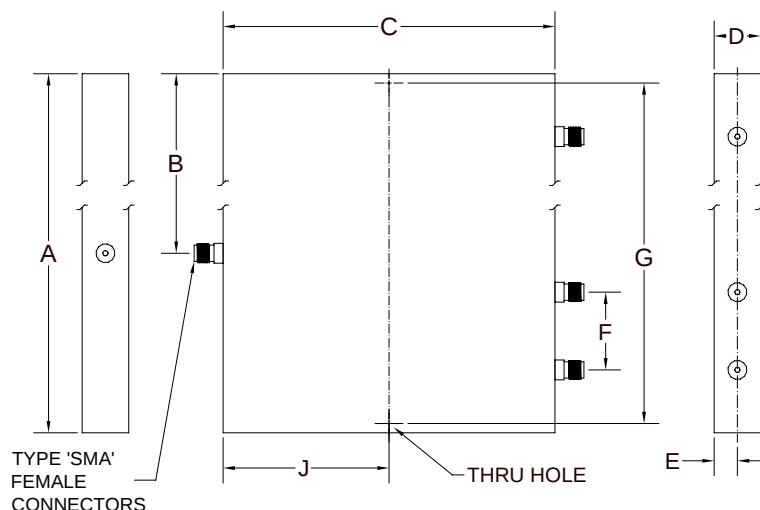
Microlab Model Dx-75FF series of Wilkinson style Power Dividers has been designed for 50W splitter applications where output isolation is preferable over lowest possible loss. The wide frequency range of this design allows use with multiband antennas and leaky cable systems.

Lower loss dividers which enhance receive sensitivity and preserve transmitted power are available in the reactive splitters such as Dx-55FN and Dx-85FD series. (11/09)

Bandwidth: 698 - 2,700 MHz
Isolation: >20 dB
Impedance: 50 Ω nominal
Environment: -30 to +60°C, Indoor
Housing: Passivated Aluminum
Connectors: SMA (f) gold plated

Model Number	No. of Ways	Split Loss	Output Isolation	Insertion Loss, max.	Amplitude Ripple	VSWR All Ports	Power Rating*
D2-75FF	2	3 dB	>20 dB	0.6 dB	± 0.3 dB	<1.25:1	50W avg.
D3-75FF	3	4.8 dB	>20 dB	0.8 dB	± 0.4 dB	<1.30:1	50W avg.
D4-75FF	4	6 dB	>20 dB	0.9 dB	± 0.4 dB	<1.30:1	50W avg.

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



Dimensions and Weight:

Inches (mm); Wt: oz (g) nom.

	D2-75FF	D3-75FF	D4-75FF
A	1.81 (46)	2.91 (74)	4.00 (102)
B	0.91 (23)	1.46 (37)	2.00 (51)
C	2.40 (61)	4.06 (103)	2.81 (71)
D	0.63 (16)	0.63 (16)	0.63 (16)
E	0.31 (7.9)	0.31 (7.9)	0.31 (7.9)
F	1.03 (26)	0.98 (25)	0.98 (25)
G	1.61 (41)	2.71 (69)	3.78 (96)
J	1.20 (30)	2.03 (52)	1.40 (36)
$\emptyset$	0.12 (3.0)	0.12 (3.0)	0.12 (3.0)
Wt.	3.3 (92)	8.00 (224)	7.6 (213)