

\$ Saver Product

- ◆ 694 - 2,700 MHz Multi-Band Frequency Range
- ◆ 5 & 10 W Power Rating
- ◆ Low RF Insertion Loss
- ◆ 20 dB Isolation
- ◆ RoHS compliant
- ◆ Low Cost SMA Design
- ◆ Stock Delivery



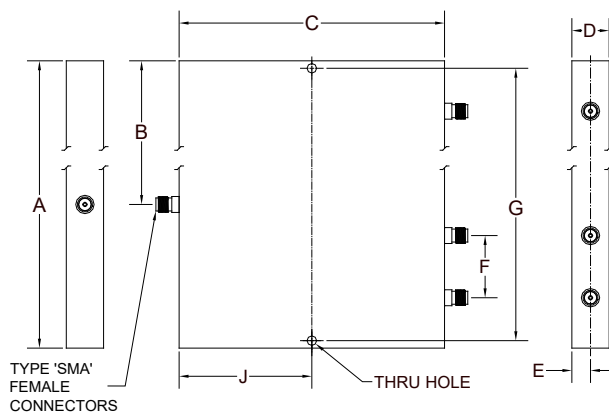
Microlab Model Dx-69FF series of Wilkinson style Power Dividers has been designed for low power applications where output isolation is preferable over lowest possible loss. The wide frequency range of this design allows use with multiband antennas and leaky cable systems.

Lower loss dividers which enhance receive sensitivity and preserve transmitted power are available in the reactive splitters such as Dx-95FD and Dx-85FD series.

Bandwidth:	694 - 2,700 MHz
Isolation:	>20 dB
Impedance:	50Ω nominal
Environment:	-30 to +60°C, Indoor
Housing:	Passivated Aluminum
Connectors:	SMA (f) gold plated

Model Number	No. of Ways	Split Loss	Insertion Loss, max.	Amplitude Balance	VSWR All ports	Power Rating*
D2-69FF	2	3 dB	0.4 dB	<0.3 dB	<1.25:1	10W avg.
D3-69FF	3	4.8 dB	0.5 dB	<0.6 dB	<1.30:1	10W avg.
D4-69FF	4	6 dB	0.6 dB	<0.6 dB	<1.25:1	10W avg.
D6-69FF	6	7.8 dB	1.0 dB	<0.8 dB	<1.40:1	5W avg.
D8-69FF	8	9 dB	1.0 dB	<0.8 dB	<1.40:1	5W avg.

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



Dimensions and Weight: Inches (mm); Wt: oz (g) nom.

	D2-69FF	D3-69FF	D4-69FF	D6-69FF	D8-69FF
A	1.81 (46)	2.91 (74)	4.00 (102)	6.32 (161)	8.21 (209)
B	0.91 (23)	1.46 (37)	2.00 (51)	3.16 (80)	4.11 (104)
C	2.40 (61)	4.06 (103)	2.81 (71)	5.76 (146)	4.64 (118)
D	0.63 (16)	0.63 (16)	0.63 (16)	0.63 (16)	0.63 (16)
E	0.31 (7.9)	0.31 (7.9)	0.31 (7.9)	0.31 (7.9)	0.31 (7.9)
F	1.03 (26)	0.98 (25)	0.98 (25)	0.98 (25)	0.98 (25)
G	1.61 (41)	2.71 (69)	3.78 (96)	6.12 (155)	8.01 (203)
J	1.20 (30)	2.03 (52)	1.40 (36)	2.88 (73)	2.32 (59)
Ø	0.12 (3.0)	0.12 (3.0)	0.12 (3.0)	0.12 (3.0)	0.12 (3.0)
Wt.	3.3 (92)	8.00 (224)	7.6 (213)	22.0 (605)	17.3 (484)

Note: Specifications are subject to change without prior notification.

03JUN2016