

\$ *Saver Product*

- ◆ 800 - 2,500 MHz Multi-Band Frequency Range
- ◆ 5 & 10 W Power Rating
- ◆ Low RF Insertion Loss
- ◆ 20 dB Isolation
- ◆ SMA Connectors
- ◆ RoHS compliant
- ◆ Low Cost Design



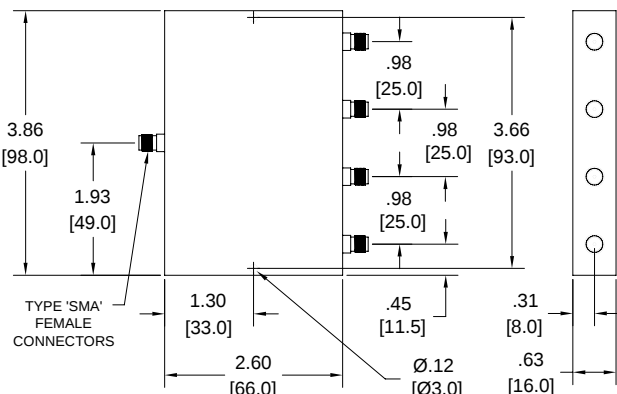
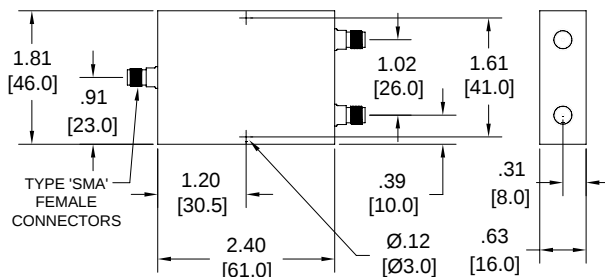
Microlab Model Dx-64FF series of 2, 3, 4, 6 & 8 way Wilkinson style Power Dividers has been designed for low power applications where output isolation is preferable over lowest possible loss. The wide frequency range of this design allows use with multiband antennas and leaky cable systems. The same performance is available with N connectors as the Dx-64FN series.

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. (8/08)

Model No Number	Frequency Range, MHz	No. of Ways	Split Loss	Insertion Loss, max.	Amplitude Balance	Power Rating*	Weight, nominal oz (g)
D2-64FF	800 - 2500	2	3 dB	0.3 dB	0.3 dB	10W avg.	3.5 (98)
D3-64FF	800 - 2500	3	4.8 dB	0.5 dB	0.4 dB	5W avg.	6.1 (171)
D4-64FF	800 - 2500	4	6 dB	0.5 dB	0.4 dB	10W avg.	7.3 (205)
D6-64FF	800 - 2500	6	7.8 dB	1.2 dB	0.5 dB	10W avg.	9.0 (250)
D8-64FF	800 - 2500	8	9 dB	1.0 dB	0.5 dB	10W avg.	12 (336)

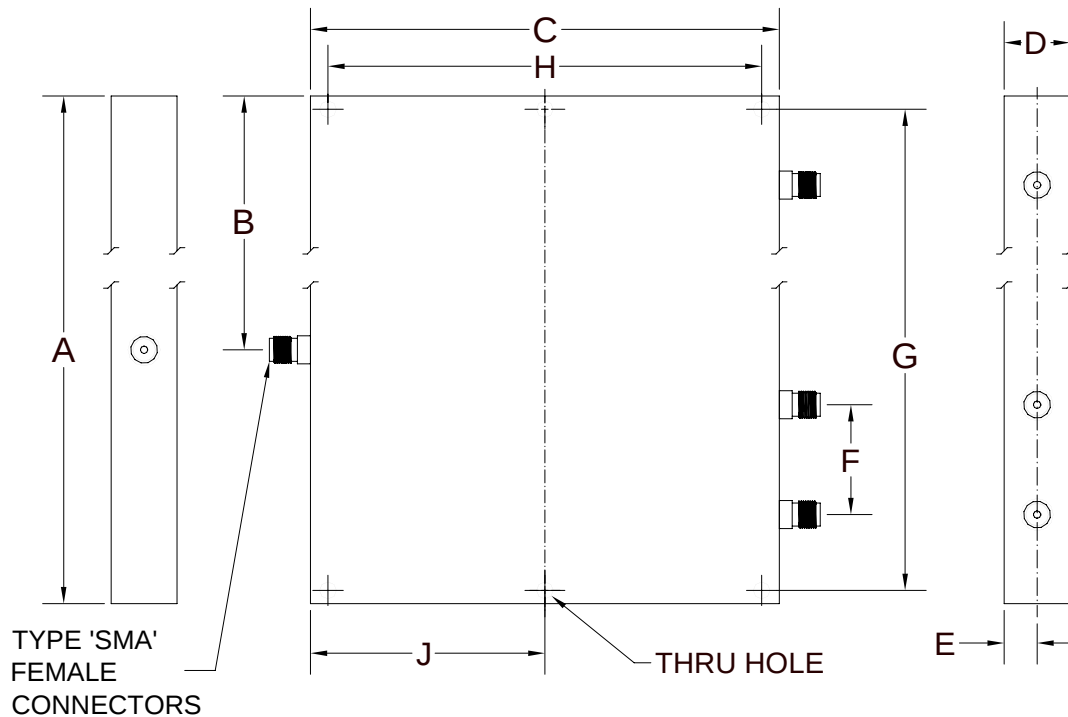
*Used as divider into load(s) with VSWR <1.2:1

Isolation: 20 dB min.
 VSWR, 2 - 6 ways: <1.3:1, all ports
 VSWR, 8 ways: <1.4:1 input, <1.3:1 outputs
 Impedance: 50Ω nominal
 Environment: -25°C to +55°C, indoor
 Housing Finish: Passivated Aluminum
 Connectors: SMA (f), gold plated



All dimensions are ± 0.06 inches unless otherwise noted.
 Dimensions in mm are for reference only

D8-64FF

Outlines


Model No.	No. of Ways	Dimensions, nom., inches (mm)									Thru Hole
		A	B	C	D	E	F	G	H	J	
D2-64FF	2	1.81 (46)	0.91 (23)	2.40 (61)	0.63 (16)	0.31 (8)	1.02 (26)	1.61 (41)	-	1.20(30.5)	Ø.12 (Ø3.0)
D3-64FF	3	2.83 (72)	1.42 (36)	2.83 (72)	0.63 (16)	0.31 (8)	0.98 (25)	2.64 (67)	-	1.42 (36)	Ø.12 (Ø3.0)
D4-64FF	4	3.86 (98)	1.93 (49)	2.60 (66)	0.63 (16)	0.31 (8)	0.98 (25)	3.66 (93)	-	1.30 (33)	Ø.12 (Ø3.0)
D6-64FF	6	5.76 (146)	2.88 (73)	3.52 (89)	0.49 (12.5)	0.25 (6.4)	0.98 (25)	5.57 (141)	-	1.76 (44.5)	Ø.13 (Ø3.4)
D8-64FF	8	6.41 (163)	3.21 (82)	3.03 (77)	0.49 (12.5)	0.25 (6.4)	0.79 (20)	6.18 (157)	2.80 (71)	-	Ø.13 (Ø3.2)