

### \$ Saver Product

**Product Line Discontinued, but may be available to special order**

- ◆ 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



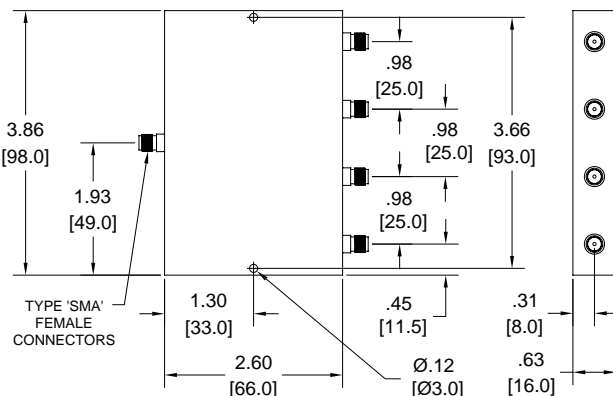
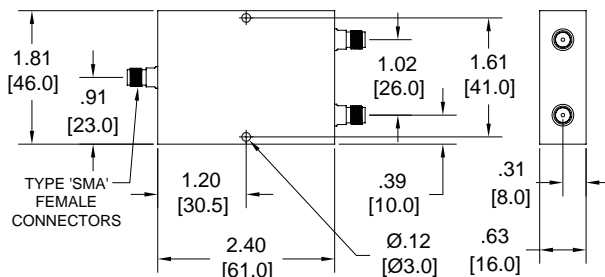
Microlab Model Dx-64FF series of 2, 3, 4, 6 & 8 way Wilkinson style Power Dividers has been designed for low power applications where output isolation is preferable over lowest possible loss. The wide frequency range of this design allows use with multiband antennas and leaky cable systems. The same 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. (01/13)

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

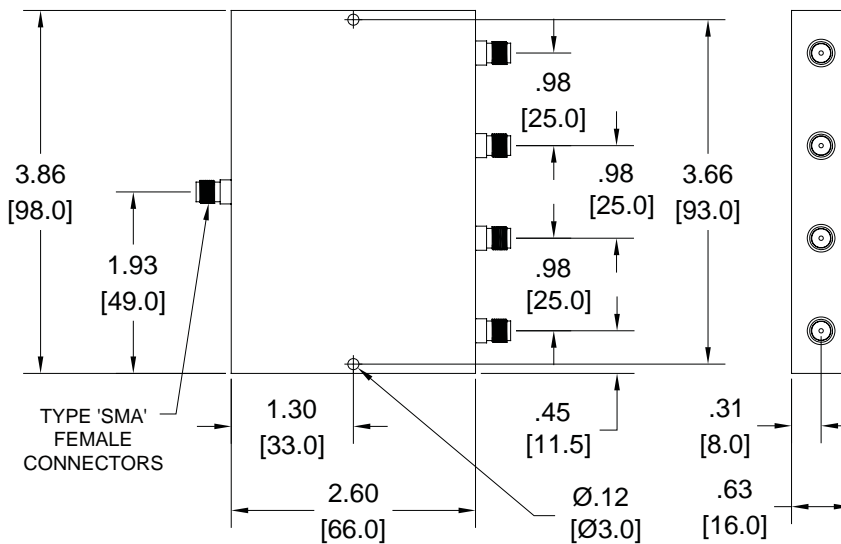
\*Used as divider into load(s) with VSWR <1.2:1

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		
<b>D2-64FF</b>	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)	
<b>D3-64FF</b>	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)	
<b>D4-64FF</b>	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)	
<b>D6-64FF</b>	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)	
<b>D8-64FF</b>	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)	