

- ◆ Extended band reactive splitters for Band 42/43 signal distribution
- ◆ 500 W Average Power
- ◆ Guaranteed Low PIM
- ◆ Minimal RF Insertion Loss
- ◆ IP67 Rated
- ◆ RoHS Compliant
- ◆ 4.3-10 Connectors


Model D4-16E


Microlab Dx-16FE 2/3/4 way reactive power splitters have been designed to evenly split high power cellular signals with minimal reflections or loss. All joints are moisture sealed to meet IP67 rating. The mechanical shape allows ease of mounting to the wall using the supplied brackets.

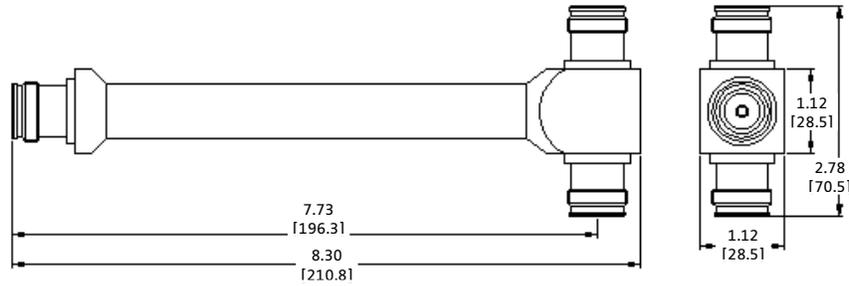
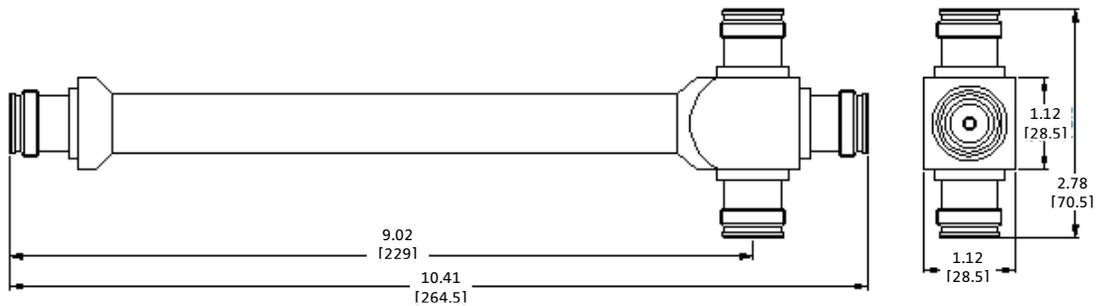
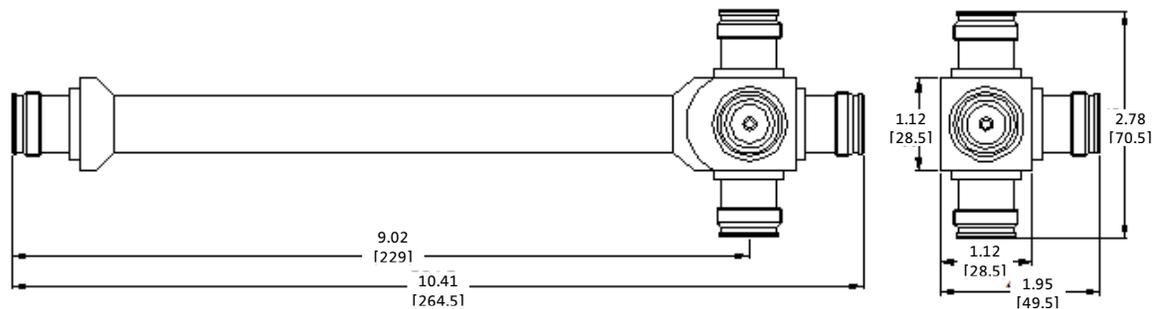
The extended frequency range allows use with multi-band antennas and leaky cable systems. With few solder joints and an air dielectric, the loss has been minimized and reliability enhanced. Units are also available with either N or 7/16 DIN connectors.

Frequency Range:	694 - 3800 MHz
Impedance:	50Ω nominal
Power:	500 W avg., 1 kW peak
PIM:	<-161dBc (-118 dBm) (2 tones at +43 dBm)
Temperature:	-35°C to +85°C
Environment:	IP67 Rated
RoHS:	Compliant
Finish: Connectors:	4.3-10 (f), Triplate
Housing:	Passivated aluminum
Mounting:	Bracket supplied
Weight:	D2-16FE: 0.45 lbs [0.2 kg] D3-16FE: 0.6 lbs [0.27 kg] D4-16FE: 0.7 lbs [0.32 kg]

Model No.	No. of Ways	Split Loss	Frequency (MHz)	Insertion Loss (dB)	Amplitude Balance(dB)	Input VSWR	Dimensions in [mm]
D2-16FE	2	3 dB	694-3800	<0.25	<0.2	<1.25:1	8.30 x 2.78 x 1.12 [210.8 x 70.5 x 28.5]
D3-16FE	3	4.8 dB	694-2700 2700-3800	<0.35	<0.2 <0.3	<1.30:1	10.41 x 2.78 x 1.12 [264.5 x 70.5 x 28.5]
D4-16FE	4	6 dB	694-2700 2700-3800	<0.45	<0.2 <0.6	<1.35:1	10.41 x 2.78 x 1.95 [264.5 x 70.5 x 49.5]

Note: Specifications are subject to change without prior notification.

8SEP2020

D2-16FE Outline

D3-16FE Outline

D4-16FE Outline


All dimensions in inches [mm]

Note: Specifications are subject to change without prior notification.