



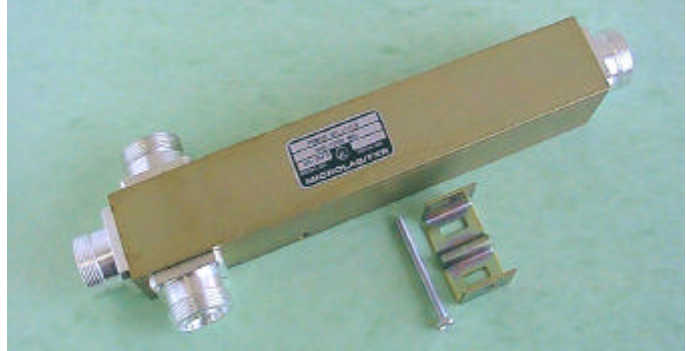
# MICROLAB/FXR

## D3-24FD

# Power Splitter

## 3 way Reactive Power Divider 800 – 2,200 MHz

- ◆ Dual Band, Cellular and PCS/UMTS
- ◆ No Resistors to Burn Out
- ◆ 700 Watt Average Power Rating
- ◆ Minimal RF Insertion Loss
- ◆ Rugged, High Reliability Design
- ◆ Moisture sealed for exterior use
- ◆ 7-16 mm DIN Connectors Standard
- ◆ Low Cost Single Plane Design for ease of mounting to pole or wall



Microlab/FXR Model D3-24FD Three Way Power Splitter with 7-16 mm DIN connectors has been designed to evenly split high power cellular signals with minimal reflections, passive intermodulation or loss. All joints are sealed with O-rings to seal out moisture. The mechanical shape allows simple attachment to pole or wall using the bracket provided.

The wide frequency range allows use with multiband antennas and leaky cable systems, and can also reduce inventory costs. With only a few solder joints and an air dielectric, the loss has been minimized and reliability enhanced.

A three way equal splitter with N connectors is available as D3-14FN. (5/00)

Frequency:	800 to 2,200 MHz
Input VSWR:	1.15:1 max.
Split Loss:	4.8 dB nominal
Dissipative Loss:	0.1 dB max.
Power Rating:	700 W avg., 3 kW peak
Impedance:	50Ω nominal
Intermod. Distortion:	-140 dBc max.
Temperature:	-35°C to +75°C
Relative Humidity:	0 to 95%
Applications:	Indoor or Outdoor
Finish: Connectors:	Silverplate
Housing:	Iridite to MIL-C-5541
Weight, nominal:	2.7 lbs (1.2 kg)

