



# MICROLAB/FXR

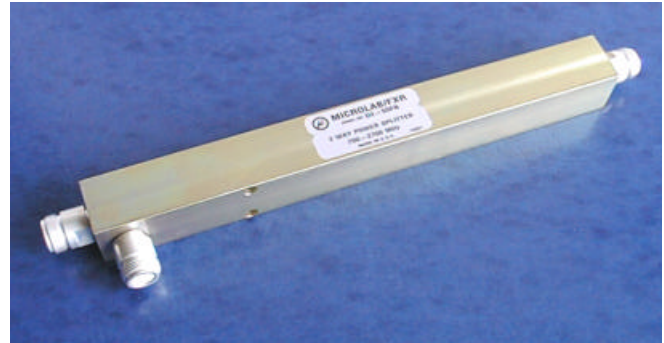
# Power Splitter

D2-55FN

2 way "Block" Style Divider, N connectors

Multi-band, 700 – 2,700 MHz

- ◆ 700 – 2,700 MHz Multi Band Range
- ◆ 500 Watt Average Power Rating
- ◆ Minimal RF Insertion Loss
- ◆ Rugged, High Reliability Design
- ◆ Moisture sealed for exterior use
- ◆ N-female Connectors Standard
- ◆ Low Cost Design for ease of mounting to pole or wall



Microlab/FXR Model D2-55FN Two Way Power Splitter with N connectors, has been designed to evenly split high power cellular signals with DC continuity and minimal reflections or loss. All joints are moisture sealed to meet the IP65 rating. The mechanical shape allows simple attachment to pole or wall using the bracket provided.

The very broad frequency range, covering the newly proposed 3G frequencies, allows the widest possible applications, as may be required with distributed antenna feeds and leaky cable systems.

When reliability is paramount these splitters are close to perfect, having only a few solder joints, no resistors to burn out and a low loss air dielectric, they are virtually indestructible.

A similar model with 7-16 mm DIN(f) connectors is available as D2-24FD. (6/01)

Frequency:	700 to 2,700 MHz
Input VSWR:	1.15:1 max.
Split Loss:	3.0 dB nominal
Dissipative Loss:	0.15 dB max. < 2 GHz 0.25 dB max. > 2 GHz
Power Rating:	500 W avg., 3 kW peak
Impedance:	50Ω nominal
Intermod. Distortion:	-140 dBc max. -155 dBc typical
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:	1.2 lbs (0.55 kg)

