



**PDS3E-694/3800**

**3 Way Power Divider**

This PDS\*E series are Power Splitters, designed to evenly split high power cellular signals with minimal reflections or loss. They are specified to cover 698- 3800 MHz. The wide frequency ranges of these models allow use with multiband antennas and leaky cable systems. With few solder joints and an air dielectric, the loss is minimal and reliability enhanced.



**Features / Benefits**

- **Multiple-Band Frequency Ranges**
- **200 Watt Power Rating**
- **High Reliability**
- **Low Cost Design for Outdoor Application**
- **Low Specified PIM**
- **N-female Connectors**

**Technical Features**

**STRUCTURE**

Product Type	Power Divider
Number of Input Ports	1
Number of Output Ports	3
Connectors	N-female

**ELECTRICAL SPECIFICATIONS**

Frequency Range	694 - 3800 MHz
Impedance	50 Ω
Max. VSWR / Return Loss	1.25 / 19.1
Split Loss	5.1 dB
Intermodulation (IM3)	-155 dBc with 2x43 dBm tones
Total Input Power	200 W

**TEMPERATURE SPECIFICATIONS**

Temperature Range	-25°C to 65°C (-13°F to 149°F)
-------------------	--------------------------------

**MECHANICAL SPECIFICATIONS**

Height (Less Connectors)	25mm (0.98in)
Width (Less Connectors)	25mm (0.98in)
Length (Less Connectors)	200.7mm (7.9in)

**TESTING AND ENVIRONMENTAL**

Environmental Class	IP65
---------------------	------