



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 380- 2700 MHz.

The wide frequency range allows to use these splitters for multiband wireless Distributed Antenna Systems (DAS) or in combination with RADIAFLEX® radiating cable products. With few solder joints and an air dielectric, the loss is minimal and reliability enhanced.



PDS3E-380/2700-01

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 |
| Techn. Application | | Indoor |
| Number of Input Ports | | 1 |
| Number of Output Ports | | 3 |
| Connectors | | N-female |

ELECTRICAL SPECIFICATIONS

| | | |
|-----------------------------|---------|------------------------------|
| Frequency Range | MHz | 380 - 2700 |
| Impedance | Ohm | 50 |
| Max. Insertion Loss | dB | 5.2 |
| Max. VSWR / Return Loss, dB | VSWR/dB | 1.3 / 17.7 |
| Intermodulation (IM3) | | -150 dBc with 2x43 dBm tones |
| Total Input Power | W | 200 |
| RF Peak Power | kW | 1000 |

TEMPERATURE SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

| | | |
|--------------------------|---------|---------------|
| Height (Less Connectors) | mm (in) | 41.1 (1.62) |
| Width (Less Connectors) | mm (in) | 61 (2.4) |
| Length (Less Connectors) | mm (in) | 323.9 (12.75) |

TESTING AND ENVIRONMENTAL

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

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