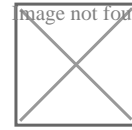




This PDS*DE series are Power Splitters, designed to evenly split high power cellular signals with minimal reflections or loss. They are specified to cover 380- 2700 MHz.

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.

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PDS3DE-380/2700-01

FEATURES / BENEFITS

- **Multiple-Band Frequency Ranges**
- **500 Watt Power Rating**
- **High Reliability**
- **Low Cost Design for ease of mounting**
- **7-16 DIN-female Connectors**

Technical features

STRUCTURE

| | | |
|------------------------|--|---------------|
| Product Type | | Power Divider |
| Techn. Application | | Indoor |
| Number of Input Ports | | 1 |
| Number of Output Ports | | 3 |
| Connectors | | 7-16 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 | 500 |
| RF Peak Power | kW | 1000 |

TEMPERATURE SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

| | | |
|--------------------------|---------|---------------|
| Height (Less Connectors) | mm (in) | 43.1 (1.7) |
| Width (Less Connectors) | mm (in) | 66 (2.6) |
| Length (Less Connectors) | mm (in) | 328.9 (12.95) |

TESTING AND ENVIRONMENTAL

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

[Dimensions in mm](#)

[External Document Links](#)

[Notes](#)