

2 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 380 - 2700 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 ease of mounting
- ➔ N-female Connectors

Technical Features

STRUCTURE

| | |
|------------------------|---------------|
| Product Type | Power Divider |
| Techn. Application | Indoor |
| Number of Input Ports | 1 |
| Number of Output Ports | 2 |
| Connectors | N-female |

ELECTRICAL SPECIFICATIONS

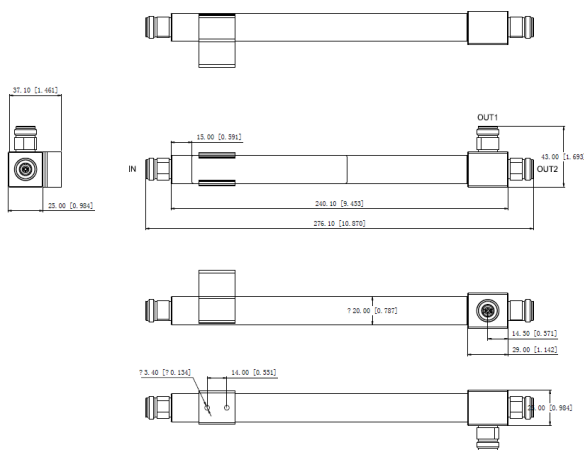
| | | |
|-------------------------|---------|------------------------------|
| Frequency Range | MHz | 380 - 2700 |
| Impedance | Ohm | 50 |
| Max. VSWR / Return Loss | VSWR/dB | 1.3 / 17.7 |
| Split Loss | dB | 3.4 |
| Intermodulation (IM3) | | -140 dBc with 2x43 dBm tones |
| Total Input Power | W | 200.0 |

TEMPERATURE SPECIFICATIONS

| | | |
|-------------------|---------|--------------------------|
| Temperature Range | °C (°F) | -35 to +75 (-31 to +167) |
|-------------------|---------|--------------------------|

MECHANICAL SPECIFICATIONS

| | | |
|--------------------------|---------|---------------|
| Height (Less Connectors) | mm (in) | 43 (1.69) |
| Width (Less Connectors) | mm (in) | 37.1 (1.46) |
| Length (Less Connectors) | mm (in) | 276.1 (10.87) |
| Weight | kg (lb) | 0.3 (0.65) |



Dimensions mm(inch)

External Document Links

Notes

Mounting Hardware not included