

2 – 18 GHz, 20 W, 4-Way SMA Power Divider

PDWS-0218-4

| MECHANICAL SPECIFICATIONS | | |
|------------------------------|---|------------|
| Input/output interface | SMA | |
| Gender | Female | |
| Standard | MIL-STD-348A | |
| Number of output ports | 4 | |
| Weight | ~80 g | |
| ELECTRICAL SPECIFICATIONS | | |
| Impedance | 50 Ω | |
| Frequency range | 2 – 18 GHz | |
| Input VSWR | ≤1.50 | |
| Output VSWR | ≤1.40 | |
| Insertion loss | ≤1.6 dB (excluding theoretical loss 6 dB) | |
| Isolation | >18 dB | |
| Amplitude balance | ≤ ±0.4 dB | |
| Phase balance | ≤ ±6° | |
| Input power (CW) | 20 W (as divider) / 1 W (as combiner) | |
| MATERIAL SPECIFICATIONS | | |
| COMPONENT | MATERIAL | FINISHING |
| Housing | Aluminium | Gray paint |
| Connector body | Stainless steel | Passivated |
| Connector center pin | BeCu | Gold |
| ENVIRONMENTAL SPECIFICATIONS | | |
| Temperature range | -45 / +85 °C | |
| RoHS | Compliant (2011/65/EU RoHS 3) | |
| REACH | Compliant (EC 1907/2006) | |



KEY FEATURES

- 2 to 18 GHz wideband coverage
- Excellent port-to-port balance and isolation
- Robust and compact, industrial-grade design
- 1-year standard warranty



| DRAWING | |
|---|--|
| <p>Dimensions (Unit: mm/[inch], Tolerance: ±0.3mm)</p> | |

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