

High Performance In-Phase Two-Way Power Dividers
 Typical and Guaranteed Specifications—50 Ω System



| Model | Frequency Range MHz | Input VSWR | | Output VSWR | | Insertion Loss (dB) | | Amplitude Balance (dB) | | Phase Balance (Deg.) | | Isolation (dB) | |
|---|---------------------|------------|-------|-------------|-------|---------------------|------|------------------------|------|----------------------|------|----------------|------|
| | | Typ. | Max. | Typ. | Max. | Typ. | Max. | Typ. | Max. | Typ. | Max. | Typ. | Min. |
| Available in Surface Mount Package | | | | | | | | | | | | | |
| PDTS1000 | 5-1000 | | | | | | | | | | | | |
| | 5-250 | 1.05:1 | 1.3:1 | 1.15:1 | 1.3:1 | 0.2 | 0.5 | ±0.05 | ±0.3 | ±0.25 | ±2.0 | 27 | 20 |
| | 250-500 | 1.05:1 | 1.3:1 | 1.15:1 | 1.3:1 | 0.5 | 1.25 | ±0.05 | ±0.3 | ±0.25 | ±2.0 | 27 | 20 |
| | 500-1000 | 1.2:1 | 1.4:1 | 1.15:1 | 1.3:1 | 0.5 | 1.25 | ±0.05 | ±0.3 | ±0.25 | ±2.0 | 27 | 20 |
| PDTS2000 | 10-2000 | | | | | | | | | | | | |
| | 10-500 | 1.25:1 | 1.4:1 | 1.1:1 | 1.3:1 | 0.5 | 1.0 | ±0.05 | ±0.1 | ±0.1 | ±1.0 | 27 | 20 |
| | 500-1000 | 1.15:1 | 1.3:1 | 1.15:1 | 1.3:1 | 0.75 | 1.0 | ±0.05 | ±0.2 | ±0.4 | ±2.0 | 25 | 20 |
| | 1000-1500 | 1.15:1 | 1.3:1 | 1.18:1 | 1.3:1 | 1.2 | 1.5 | ±0.05 | ±0.3 | ±0.6 | ±3.0 | 25 | 20 |
| | 1500-2000 | 1.15:1 | 1.3:1 | 1.18:1 | 1.3:1 | 1.5 | 2.0 | ±0.05 | ±0.4 | ±0.75 | ±4.0 | 25 | 20 |
| PD4F3000 | 10-3000 | | | | | | | | | | | | |
| | 10-20 | 1.25:1 | 1.4:1 | 1.4:1 | 1.7:1 | 1.8 | 2.8 | ±0.15 | ±0.5 | ±1.0 | ±5.0 | 25 | 17 |
| | 20-3000 | 1.2:1 | 1.5:1 | 1.25:1 | 1.5:1 | 1.8 | 2.8 | ±0.15 | ±0.5 | ±1.0 | ±5.0 | 25 | 17 |

Current data sheets available on website.