

Toner

TLP-DC Series

Hardline 1 GHz Directional Couplers

Toner
cable equipment, inc.
www.tonercable.com



Features

- 5 MHz to 1 GHz bandwidth
- 15 Amp power passing
- 30, 60, 90 VAC power passing
- Stainless Steel hardware
- Aluminum diecast housings with machined (not cast) threads
- Epoxy finish for corrosion resistance
- -100dB RFI EMI/RF shielding
- Heat shrink lip on connector ports
- 75Ω Impedance
- 20 Amp fuse
- Meets current SCTE standards

Specifications

| TLP-DC8, 8 dB DC | 5-10 MHz | 10-40 MHz | 40-450 MHz | 450-862 MHz | 862-1000 MHz |
|---------------------|----------|-----------|------------|-------------|--------------|
| Insertion loss | 1.9 dB | 1.9 dB | 2.7 dB | 3.4 dB | 3.5 dB |
| Isolation | 18 dB | 18 dB | 18 dB | 18 dB | 18 dB |
| Return Loss In | 16 dB | 16 dB | 16 dB | 17 dB | 16 dB |
| Return Loss Out/Tap | 16 dB | 16 dB | 16 dB | 16 dB | 16 dB |

| TLP-DC12, 12 dB DC | 5-10 MHz | 10-40 MHz | 40-450 MHz | 450-862 MHz | 862-1000 MHz |
|---------------------|----------|-----------|------------|-------------|--------------|
| Insertion loss | 1.6 dB | 1.4 dB | 1.8 dB | 2.2 dB | 2.6 dB |
| Isolation | 20 dB | 20 dB | 20 dB | 20 dB | 18 dB |
| Return Loss In | 17 dB | 17 dB | 17 dB | 17 dB | 16 dB |
| Return Loss Out/Tap | 17 dB | 17 dB | 17 dB | 17 dB | 16 dB |

| TLP-DC16, 16 dB DC | 5-10 MHz | 10-40 MHz | 40-450 MHz | 450-862 MHz | 862-1000 MHz |
|---------------------|----------|-----------|------------|-------------|--------------|
| Insertion loss | 1.4 dB | 1.2 dB | 1.5 dB | 2.2 dB | 2.3 dB |
| Isolation | 20 dB | 20 dB | 20 dB | 20 dB | 20 dB |
| Return Loss In | 17 dB | 17 dB | 17 dB | 17 dB | 17 dB |
| Return Loss Out/Tap | 17 dB | 17 dB | 17 dB | 17 dB | 17 dB |