



## C10108 1 – 8 GHz 10 dB Directional Coupler

### FEATURES

- ❖ Low Insertion Loss
- ❖ Low VSWR
- ❖ High Directivity
- ❖ High Power Handling

### SPECIFICATIONS

| 1 – 8 GHz 10 dB Directional Coupler |                                      |
|-------------------------------------|--------------------------------------|
| Model Number                        | C10108                               |
| Frequency Band                      | 1 – 8 GHz                            |
| Coupling Variation Over Band        | 10 dB $\pm$ 1.0 dB                   |
| Frequency Flatness                  | $\pm$ 0.5 dB, Typ., $\pm$ 0.7 dB Max |
| Insertion Loss Excluding Coupling   | 0.5 dB Typ., 0.7 dB Max.             |
| Directivity                         | 18 dB Typ., 16 dB Min.               |
| Input VSWR                          | 1.35:1 Typ., 1.45:1 Max.             |
| Output VSWR                         | 1.35:1 Typ., 1.45:1 Max.             |
| Power Handling                      | 100 W CW                             |
| Connector Type                      | SMA Female                           |
| Operating Temperature               | -55 °C To +85 °C                     |

