**MODELS 1820 & 1821**

**1-18 GHz DIRECTIONAL COUPLERS**

**SPECIFICATIONS**

- **FREQUENCY RANGE**: 1-18 GHz
- **COUPLING** (with respect to output)
  - Nominal: 1821: 10 ± 0.5 dB, 1820: 16 ± 0.5 dB
  - Frequency Sensitivity: ± 0.3 dB, 1-12.4 GHz, ± 0.4 dB, 1-18 GHz
- **DIRECTIVITY**: > 16 dB
- **MAXIMUM VSWR (any port)**: 1.35
- **INSERTION LOSS** (includes coupled power)
  - 1821: < 1.3 dB
  - 1820: < 0.9 dB
- **POWER RATING** (input)
  - Average: 20 W
  - Peak: 3 kW
- **STANDARD CONNECTORS**
  - Optional: SMA Male, N Female
  - Standard: SMA Female
- **WEIGHT** (ounces)
  - N Female Connectors: 4.4
  - SMA Female Connectors: 2.5

**DIMENSIONS**