



Equipped with a rugged radome for protection against ice and harsh weather, the economical DCR-T-R antenna brings the benefits of Dielectric's popular FM ring-style series to low-power applications. Along with all radiating elements, the kit comes complete with jumpers and power dividers for fast installation.

- Ideal for Class A and B stations
- Circularly polarized
- Branch feed
- Field-adjustable to any FM channel from 88-108 MHz
- IBOC compatible
- Low VSWR
- 1- to 8-bay configurations, full- or half-wave spaced
- Power rating up to 1 kW with 7-16 DIN input per bay
- High-impact ABS radome encloses each bay
- Null fill and beam tilt optional
- 1-5/8" EIA standard array input
- Lightweight, all-aluminum construction
- Integrated clamp-mount installs easily in a variety of towers

### Electrical Specifications

Band	Polarization	Circularity	VSWR	Input
FM 88 - 108 MHz	Circular	+/- 1 dB free space	w/o field trim: 1.2:1 top mounted 1.5:1 side mounted with field trim: 1.07:1 (+/- 100 kHz)	Bay 7-16 DIN Array 1 5/8" EIA

### Mechanical Specifications

Height in (m)	Diameter in (m)	Weight lb (kg)	Wind Area ft <sup>2</sup>
13.3 (0.34)	27.5 (0.7)	44 (20)	3.2 (0.3)