



DCR-M and DCR-S are offered with heaters and radomes.

The input power rating of DCR-S can be significantly higher than DCR-M models and we can feed it with dual 6" inputs. Average power ratings range from 40kW to over 120kW. The full band operation allows many broadcasters to multiplex into the antenna. The antenna is designed to handle the peak power of multiple signals including IBOC signals at -10dB. The DCR-S was designed to handle more stations at a higher safety margin for multiple signals including IBOC at -10dB. The higher peak power design should be considered.

Specifications:

- Superior bandwidth for analog or -10dB IBOC, or both
- Broadband arrays from 1/2 wave spaced to full wave spacing (see chart)
- Arrays from 2 to 12 bays
- Circular Polarization
- Right hand circularly polarized
- Full FM band operation available in 1/2 spaced arrays
- Low VSWR
- Series fed arrays
- High input power capability
- Simple design leads to ease of installation
- Common amplification or high level combined with single input
- Beam tilt and null fill available
- Available with radomes or deicers

Electrical Specifications

FM Achievable Bandwidths	1/2 Wave Spaced	Custom Spacing	Full Wave Spaced
2E	15Mhz	7Mhz	5Mhz
2C	12Mhz	7Mhz	5Mhz
3E	15Mhz	7Mhz	5Mhz
4E	8Mhz	5Mhz	3Mhz
4C	15Mhz	7Mhz	5Mhz
5E	6Mhz	4Mhz	3Mhz
5C	15Mhz	7Mhz	5Mhz
6E	5Mhz	4Mhz	3Mhz
6C	15Mhz	7Mhz	5Mhz
8C	8Mhz	5Mhz	3Mhz
10C	15Mhz	7Mhz	5Mhz
12C	15Mhz	7Mhz	5Mhz