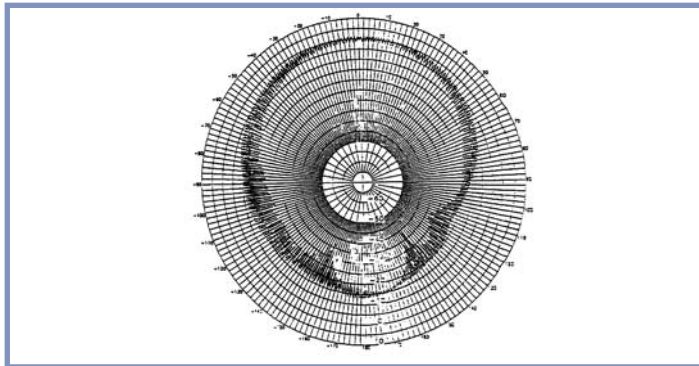


VDAR-1 Antenna

Single 5 dBic “Hybrid-Patch”™ Antenna with mounting options

Connector: TNC Female on chassis

The VDAR video antennas are designed to operate with traditional single video receivers and multiple antenna configurations for diversity receivers. The antenna uses the DTC Hybrid-Patch system to ensure high-purity circular polarization. This insures the highest possible performance in video reception, especially in diversity systems. It is available in three different bands. Reversible and adjustable suction cup mounts come standard for quick and easy installation on the inside or outside of windows or other hard, smooth surfaces.



Specifications

Type	Hybrid-Patch™ element
Polarization	RHCP
Peak Gain	5 dBic
Horizontal Beamwidth	90°
Vertical Beamwidth	90°
Nominal Impedance	50 ohms
Groundplane Requirements	Not required; built-in
Dimensions	6.6" H x 6.6" W (167 mm x 167 mm)
Weight	12 oz. (34 g)
DTC Part Number	Frequency Range
7011156-1-T	1.7 to 1.85 GHz
7011156-4-T	2.2 to 2.3 GHz
7011156-2-T	2.4 to 2.5 GHz

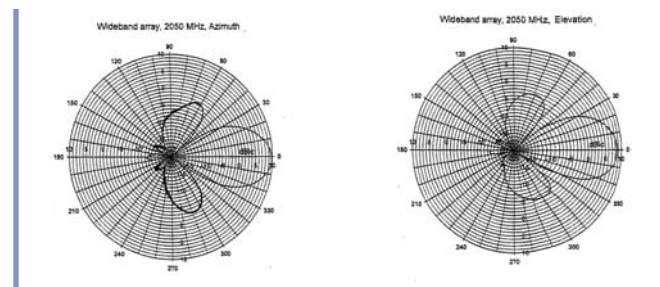
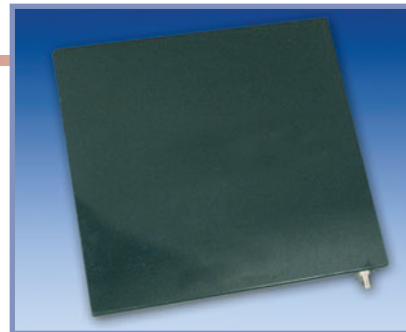
(MDS1920099 14NOV06)

ANT-10-R Antenna

9 dBic Wideband Panel

Connector: TNC Female

DTC has developed a series of circularly polarized panel antennas for use in wideband transmit and receive applications from 1.7 to 2.7 GHz. The ANT-10-R is a very wide bandwidth, unidirectional log-spiral array. This antenna has useful gain, with some sidelobe variation, to 4 GHz. It can be mounted to a wall or swivel mounted with the MAF-1 grip on two surfaces, via two pairs of “¼-20” tapped holes located in the rear center and the bottom center of the aluminum housing. The front of the antenna is a radome made of a polycarbonate material. The antenna is suitable for indoor and short-term outdoor use. It must be protected for extended outdoor use and installations since it is not waterproof.



Specifications

Type	Log-spiral slot array, absorber loaded
Polarization	RHCP
Peak Gain	9 dBic
Horizontal Beamwidth	30° at 2.0 GHz
Vertical Beamwidth	30° at 2.0 GHz
Nominal Impedance	50 ohms
Groundplane Requirements	Not required
Dimensions	9" W x 9" H x 1.2" D (227 mm x 227 mm x 30 mm)
Weight	1.7 lb. (750 g)
DTC Part Number	Frequency Range
ANT-10-L	1.7 to 2.7 GHz LHCP
ANT-10-R	1.7 to 2.7 GHz RHCP

