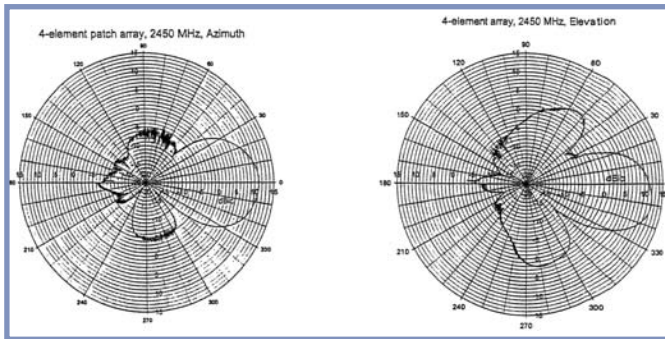


ANT-11-R Antenna

11 dBic Directional Patch Antenna
36° Beam Width

DTC developed this high gain antenna for the 2.4 – 2.483 GHz band. It provides unidirectional broadside coverage in the horizontal plane when mounted in a vertical orientation. Unlike conventional YAGI beams, this antenna exhibits no pickup or radiation from the rear, which eliminates some multipath vectors. This patch antenna may be used conventionally, connector side down, or hung upside down from the ceiling or beams in indoor installations.



Specifications

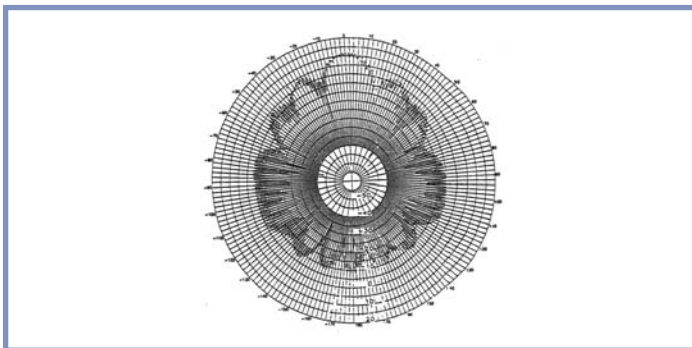
Type	Hybrid fed Microstrip Patch Array	
Polarization	Right Hand Circular, Left hand Circular/Linear	
Gain:	11 dBi	
Horizontal Pattern	Unidirectional	
Vertical Elevation	0°	
Beamwidth	Horiz: 36°	Vert: 36°
Bandwidth	2400 - 2500 MHz	
Feed Impedance	50 ohms,	
TNC	Female with dust cap.	
Ground Plane Required	No	
Size	5" X 6" X 1/3"	
Weight	11 oz (340g)	

(MDS1920005 02NOV06)

ANT-17-R Antenna

17 dBic Directional Patch Array
Connector: TNC Male on 18" coax. "pigtail"

DTC developed this very high gain RHCP antenna for the 2.4 to 2.5 GHz band. It provides unidirectional broadside coverage. Unlike conventional Yagi antennas, this antenna is especially suitable for wall mounting. This panel antenna is useful in long-range receive applications, applications in high-multipath environments, where it is impractical or impossible to mount a dish antenna.



Specifications

Type	16-patch array with progressive feed	
Polarization	RHCP or LHCP	
Peak Gain	17 dBic	
Horizontal Beamwidth	16°	
Vertical Beamwidth	16°	
Nominal Impedance	50 ohms	
Groundplane Requirements	Not required	
Dimensions	16.0" W x 14.5" H x 0.125" D (406 mm x 368 mm x 3.2 mm)	
DTC Part Number	Frequency Range	
ANT-17-L	2.4 to 2.5 GHz LHCP	
ANT-17-R	2.4 to 2.5 GHz RHCP	

