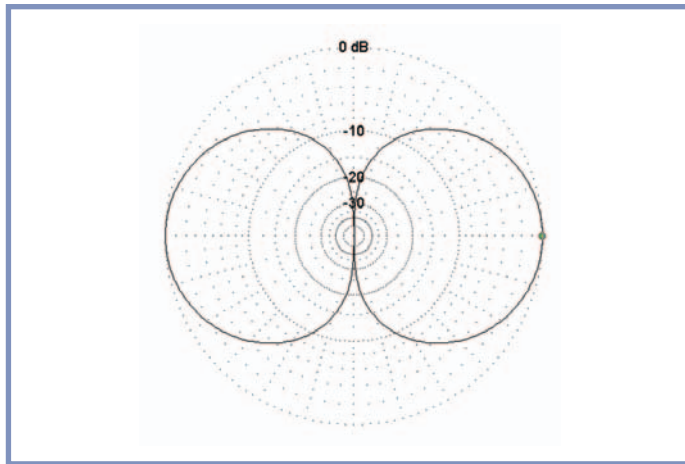
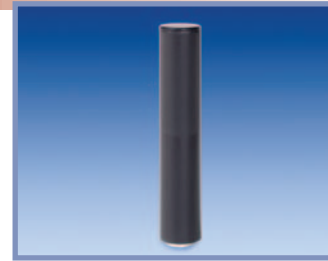


# ANT-2 Antenna

2 dBi Dipole

Connector: TNC Male

The ANT-2 is a rugged, lightweight linearly polarized dipole for use in 1.7-2.5 GHz microwave video bands. It can be mounted directly on the video RF transmitter, or used at the end of a cable with a compatible connector. This antenna is groundplane independent.



Elevation Pattern

## Specifications

Type	Sleeve Dipole
Polarization	Linear
Peak Gain	2 dBi
Horizontal Beamwidth	Omnidirectional
Vertical Beamwidth	77°
Nominal Impedance	50 ohms
Groundplane Requirements	Not required
Dimensions	4.0" H x 0.75" dia. (101 mm x 19 mm)
Weight	1 oz. (28 g)
<b>DTC Part Number</b>	<b>Frequency Range</b>
7011129	1.7 to 1.85 GHz
7011130	2.1 to 2.3 GHz
7011131	2.4 to 2.5 GHz

(MDS1920003 02NOV06)

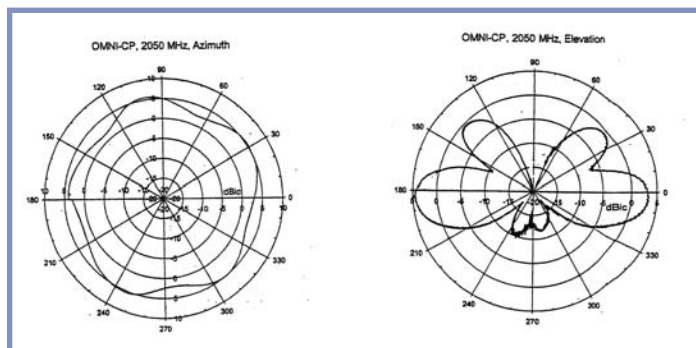
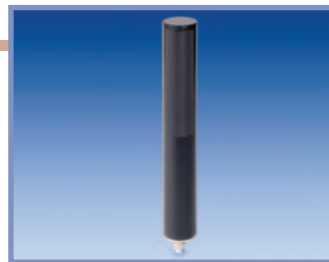
# ANT-4 Antenna

4 dBi Omnidirectional CP-Wide Band Width

Connector: TNC Male

DTC developed these antennas for the application where a broad operating range is required. This antenna is used in both transmit and receive applications. It provides omnidirectional, circularly polarized coverage in the horizontal plane when mounted vertically. This antenna may be used conventionally, connector side down, or may be hung upside-down from the ceiling or beams in indoor installations.

This antenna is used in The SplitPlx products.



Azimuth Pattern

Elevation Pattern

## Specifications

Type	Bifilar Helix
Polarization	RHCP
Peak Gain	4 dBi
Horizontal Beamwidth	Omnidirectional
Vertical Beamwidth	50°
Nominal Impedance	50 ohms
Groundplane Requirements	Not required
Dimensions	13.5" H x 1.75" dia. (-36) (343 mm x 44.5 mm) 11.5" H x 1.75" dia. (-38) (292 mm x 44.5 mm)
Weight	5.2 oz. (148 g)
<b>DTC Part Number</b>	<b>Frequency Range</b>
7011136-R	1.7 to 2.3 GHz
7011137-L	1.7 to 2.3 GHz
7011138-R	2.3 to 2.6 GHz
7011139-L	2.3 to 2.6 GHz

