



Castle Patch Antenna Series

Unictron offers a series of Castle Patch Antennas designed for satellite navigation/time synchronization application, covering available frequencies of GPS/Galileo/Glonass/Beidou/QZSS systems. The Castle Patch Antenna series are fabricated with proprietary design and processes and show excellent performance.

Technical Briefs

Dual Pin Castle Antenna					
Dimension (mm)	Frequencies (MHz)	Polarization	Peak Gain (dBic)*	Bandwidth (MHz)	VSWR
50 x 50 x 8	1164~1189	Circular (RHCP)	6.3 (typical)	N/A	2.0 (max.)
	1561~1606	Circular (RHCP)	5.3 (typical)	N/A	2.0 (max.)
50 x 50 x 8	1215~1239	Circular (RHCP)	6.3 (typical)	N/A	2.0 (max.)
	1561~1606	Circular (RHCP)	5.3 (typical)	N/A	2.0 (max.)
Single Pin Castle Antenna					
Dimension (mm)	Frequencies (MHz)	Polarization	Peak Gain (dBic)*	Bandwidth (MHz)	VSWR
40 x 40 x 6	1164~1189	Circular (RHCP)	5.4 (typical)	N/A	2.0 (max.)
	1561~1606	Circular (RHCP)	5.4 (typical)	N/A	2.0 (max.)
40 x 40 x 6	1215~1239	Circular (RHCP)	5.4 (typical)	N/A	2.0 (max.)

Dual Pin Castle Antenna

	1561~1606	Circular (RHCP)	5.4 (typical)	N/A	2.0 (max.)
25 x 25 x 6	1164~1189	Circular (RHCP)	3.5 (typical)	N/A	2.0 (max.)
	1561~1606	Circular (RHCP)	5.3 (typical)	N/A	2.0 (max.)
25 x 25 x 6	1215~1239	Circular (RHCP)	3.5 (typical)	N/A	2.0 (max.)
	1561~1606	Circular (RHCP)	5.3 (typical)	N/A	2.0 (max.)
25 x 25 x 4	1164~1189	Circular (RHCP)	1.1 (typical)	N/A	2.0 (max.)
	1561~1606	Circular (RHCP)	3.5 (typical)	N/A	2.0 (max.)
25 x 25 x 4	1215~1239	Circular (RHCP)	1.1 (typical)	N/A	2.0 (max.)
	1561~1606	Circular (RHCP)	3.5 (typical)	N/A	2.0 (max.)
20 x 20 x 7	1164~1189	Circular (RHCP)	-1.2 (typical)	N/A	2.0 (max.)
	1561~1606	Circular (RHCP)	2.8 (typical)	N/A	2.0 (max.)
20 x 20 x 7	1215~1239	Circular (RHCP)	-1.2 (typical)	N/A	2.0 (max.)
	1561~1606	Circular (RHCP)	2.8 (typical)	N/A	2.0 (max.)

Related products



CP-154A-H-N01



CP-182A-H-N01



Patch (Through hole) Antennas



CP-254A-H-B01