

CONNECTING
PEOPLE +
TECHNOLOGY

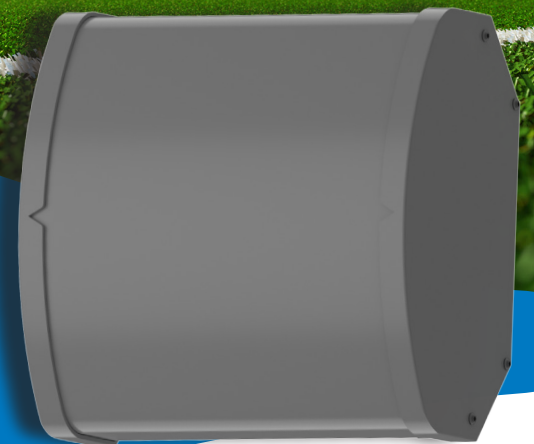
www.amphenol-antennas.com

MULTI-TECHNOLOGY **SMALL CELL** PANEL ANTENNAS

Amphenol's multiport **SMALL CELL PANEL ANTENNAS** are ideal for large and small venues and outdoor applications in which coverage requirements change frequently.

SMALL CELL PANEL ANTENNAS are designed with multiple columns of elements to provide azimuth side lobe suppression and reduce interference with adjacent antennas or sectors. Select from 22°, 33°, 45°, 65° and 85° horizontal beamwidths for directed, precise coverage.

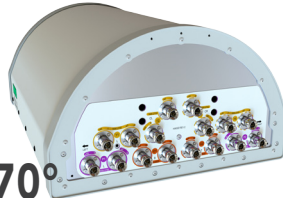
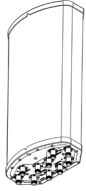
The **SMALL CELL PANEL ANTENNAS** are also designed to meet all the spectrum needs from 700 MHz to 5 GHz.



SMALL CELL PANEL ANTENNAS

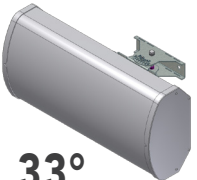
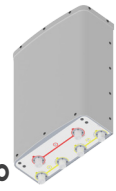
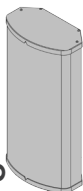


MULTI-BAND MULTI-PORT

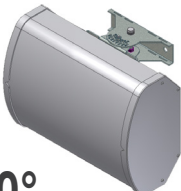
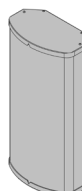
	 70°				 70°			 65°		
MODEL NUMBER	2C4U3MX065X06Fwxys0				4U4MX065X06Fxs0			2U3MX065X06Fxs0		
TOTAL NUMBER OF CONNECTORS	18 Ports				16 Ports			10 Ports		
FREQUENCY (MHz)	(2x) 696-960	(4x) 1695-2700	(2x) 3550-3700	(1x) 5150-5925	(4x) 1695-2700	(2x) 3550-3700	(2x) 5150-5925	(2x) 1695-2700	(2x) 3550-3700	(1x) 5150-5925
POLARIZATION	±45°	±45°	±45°	±45°	±45°	±45°	±45°	±45°	±45°	±45°
HORIZONTAL BEAMWIDTH	83°	70°	72°	70°	75°	40°	71°	67°	40°	53°
MAX GAIN	8.7 dBi	12.6 dBi	8.9 dBi	5.3 dBi	15.5 dBi	11.3 dBi	5.4 dBi	15.1 dBi	11.6 dBi	5.8 dBi
NUMBER OF CONNECTORS PER FREQUENCY	4 Ports	8 Ports	4 Ports	2 Ports	8 Ports	4 Ports	4 Ports	4 Ports	4 Ports	2 Ports
ELECTRICAL DOWNTILT	(w) 0°	(x) 2°, 4°, 6°	(y) 0°	(y) 0°	(x) 2°, 4°, 6°	(y) 0°	(y) 0°	(x) 2°, 6°, 10°	(y) 0°	(y) 0°
VSWR	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1
UPPER SIDE LOBE SUPPRESSION	N/A	N/A	N/A	U-NII Compliant	> 12 dB	N/A	U-NII Compliant	15 dB	N/A	U-NII Compliant
INTRABAND ISOLATION	> 25 dB	> 25 dB	> 25 dB	> 25 dB	25 dB	25 dB	25 dB	> 25 dB	> 25 dB	> 25 dB
INTERBAND ISOLATION	> 28 dB	> 28 dB	> 28 dB	> 28 dB	28 dB	28 dB	28 dB	> 28 dB	> 28 dB	> 28 dB
IM3 2X20W CARRIER	< -153 dBc	< -153 dBc	N/A	N/A	< -153 dBc	N/A	N/A	< -153 dBc	N/A	N/A
INPUT POWER	500 W	300 W	100 W	50 W	300 W	300 W	2 W	300 W	100 W	50 W
CONNECTOR TYPE (s)	4.3-10 Female				4.3-10 Female			4.3-10 Female		
DIMENSIONS	24.9 x 13.5 x 9.7 in				24.7 x 18.2 x 10.6 in			24.3 x 11.8 x 6.7 in		
WEIGHT	16 lbs				24 lbs			12 lbs		

SMALL CELL PANEL ANTENNAS

TRI-BAND 6-PORT

	 22°		 33°		 45°		 63°		 70°	
MODEL NUMBER	CUUX022X03Fxyz0		CUUX033X03Fxyz0		HTXCWW4513Fxyz0		CUUX063X03Fxyz0		CUUX063X06Fxyz0	
TOTAL # OF CONNECTORS	6 Ports		6 Ports		6 Ports		6 Ports		6 Ports	
FREQUENCY (MHz)	(1x) 696-960	(2x) 1695-2700	(1x) 696-960	(2x) 1695-2700	(1x) 696-960	(2x) 1695-2700	(1x) 696-960	(2x) 1695-2700	(1x) 696-960	(2x) 1695-2700
POLARIZATION	±45°		±45°		±45°		±45°		±45°	
HORIZONTAL BEAMWIDTH	22°	22°	33°	33°	45°	45°	63°	63°	70°	70°
MAX GAIN	11.8 dBi	12.0 dBi	10.0 dBi	11.0 dBi	13.9 dBi	14.4 dBi	8.0 dBi	8.0 dBi	11.0 dBi	14.0 dBi
NUMBER OF CONNECTORS PER FREQUENCY	2 Ports	4 Ports	2 Ports	4 Ports	2 Ports	4 Ports	2 Ports	4 Ports	2 Ports	4 Ports
ELECTRICAL DOWNTILT	(x) 0°	(y) 0°	(x) 0°	(y) 0°	(x) 0°, 20°	(y) 0°, 10°	(x) 0°	(y) 0°	(x) 0°, 2°, 5°, 10°	(y) 0°, 2°, 4°, 6°, 10°
VSWR	< 1.5:1		< 1.5:1		≤ 1.5:1		< 1.5:1		< 1.5:1	
IM3 (2X20W CARRIER)	< -153 dBc		< -153 dBc		< -153 dBc		< -153 dBc		< -153 dBc	
INPUT POWER	500 W	300 W	500 W	300 W	500 W	300 W	500 W	300 W	500 W	300 W
CONNECTOR TYPE (z)	4.3-10 (s) ; 7/16-DIN (D)		4.3-10 (s) ; 7/16-DIN (D)		7/16-DIN		4.3-10 (s) ; 7/16-DIN (D)		4.3-10 (s) ; 7/16-DIN (D)	
DIMENSIONS	12.1 x 37.7 x 7.0 in		12.1 x 26.6 x 7.0 in		24.1 x 16.2 x 7.3 in		12.1 x 12.2 x 7.0 in		24.3 x 12.1 x 7.0 in	
WEIGHT	16 lbs		12.9 lbs		15.7 lbs		7.4 lbs		13 lbs	

DUAL-BAND 4-PORT

	 33°		 70°		 70°		 85°	
MODEL NUMBER	CUX033X03Fxyz0		CUX063X03Fxyz0		CUX063X06Fxyz0		CUX085X06Fxyz0	
TOTAL # OF CONNECTORS	4 Ports		4 Ports		4 Ports		4 Ports	
FREQUENCY (MHz)	(1x) 696-960	(1x) 1695-2700	(1x) 696-900	(1x) 1695-2700	(1x) 696-960	(1x) 1695-2700	(1x) 696-960	(1x) 1695-2700
POLARIZATION	±45°		±45°		±45°		±45°	
HORIZONTAL BEAMWIDTH	33°	33°	70°	70°	70°	70°	85°	85°
MAX GAIN	10.0 dBi	11.0 dBi	8.0 dBi	8.0 dBi	11.0 dBi	14.0 dBi	10.0 dBi	13.0 dBi
NUMBER OF CONNECTORS PER FREQUENCY	2 Ports	2 Ports	2 Ports	2 Ports	2 Ports	2 Ports	2 Ports	2 Ports
ELECTRICAL DOWNTILT	(x) 0°	(y) 0°	(x) 0°	(y) 0°	(x) 0°	(y) 0°	(x) 0°	(y) 0°
VSWR	≤ 1.5:1		≤ 1.5:1		≤ 1.5:1		≤ 1.5:1	
IM3 (2X20W CARRIER)	< -153 dBc		< -153 dBc		< -153 dBc		< -153 dBc	
INPUT POWER	500 W	300 W	500 W	300 W	500 W	300 W	500 W	300 W
CONNECTORS (z)	4.3-10 (s) ; 7/16-DIN (D)		4.3-10 (s) ; 7/16-DIN (D)		4.3-10 (s) ; 7/16-DIN (D)		4.3-10 (s) ; 7/16-DIN (D)	
DIMENSIONS	12.1 x 26.6 x 7.0 in		12.1 x 12.2 x 7.0 in		24.3 x 12.1 x 7.0 in		24.3 x 12.1 x 7.0 in	
WEIGHT	12.1 lbs		6.7 lbs		11 lbs		11 lbs	

5G



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