



Omnidirectional Antennas

DrawCom multi-band antennas provide substantial cost savings, as they reduce equipment and maintenance requirements and provide shorter installation times

Considering multi-band network potential, is ensuring site installations are future proofed. Easy-to-install multiband antennas from DrawCom are deployed in numerous wireless networks worldwide. All have endured extensive field trials in close collaboration with cell planners and other communications providers to ensure DrawCom multi-band antennas perform to expectations. Using fewer antennas of discreetly functional design is preferable to using numerous antennas of provocative size and appearance especially with today's aesthetic concerns.

Broadband for In-Building Communications

Electrical Specifications		
Part Number	7336.00	LGP-15306
Frequency band (MHz)	800-2500	820-2500
Gain, 820-960 MHz, ± 0.5	3 dBi	2 dBi
Gain, 1710-2170 MHz, ± 0.5	3 dBi	4 dBi
Polarization	Vertical	Vertical
Nominal Impedance (Ohm)	50	50
VSWR	<2.0:1	<2.0:1
Horizontal Beamwidth:	360°	360°
Vertical Beamwidth:	70°	90°
Electrical Downtilt	0°	0°
IM3 @ 2 x 43dBm (dBc)	<-150	Not specified
Power Handling, Average total (W)	40	100

Mechanical Specifications		
Part Number	7336.00	LGP-15306
Connector Type	Type-N female	Type-N female
Cable Tail	nil	30cm
Diameter (mm)	185	205
Weight (kg)	0.2	0.4
Radome Colour	White	White
		

Directional Antennas

Broadband for In-Building Communications

Electrical Specifications		
Part Number	7336.10	LGP-15204
Frequency band (MHz)	800-2500	820-2500
Gain (<960 MHz), ± 0.5 (dBi/dBd)	6 dBi	5 dBi
Gain (>1710 MHz), ± 0.5 (dBi/dBd)	9 dBi	6.5 dBi
Polarization	Vertical	Vertical
Nominal Impedance (Ohm)	50	50
VSWR	< 1.9:1	< 1.5:1
Beamwidth (<960 MHz):	90°H x 90°V	85°H x 65°V
Beamwidth (>1710 MHz):	67°H x 90°V	65°H x 63°V
Electrical Downtilt	0°	0°
IM3 @ 2 x 43dBm (dBc)	<-150	Not specified
Power Handling, Average total (W)	50	50

Mechanical Specifications		
Part Number	7336.10	LGP-15204
Connector Type	Type-N female	Type-N female
Cable Tail	30 cm	100cm
Dimensions (H x W x D)	210 x 180 x 42 mm	185 x 152 x 48 mm
Weight	1.0 kg	0.4 kg
Radome Colour	White	White
	