

# TRUE CONNECT INDOOR DIRECTIONAL ANTENNA



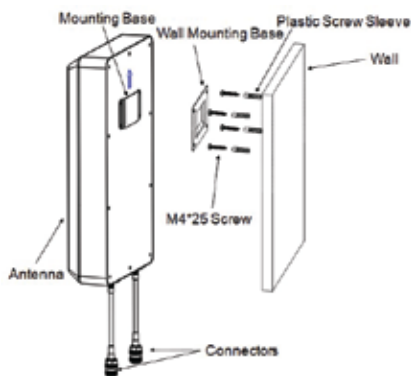
**MODEL # IDM/43**

## FEATURES

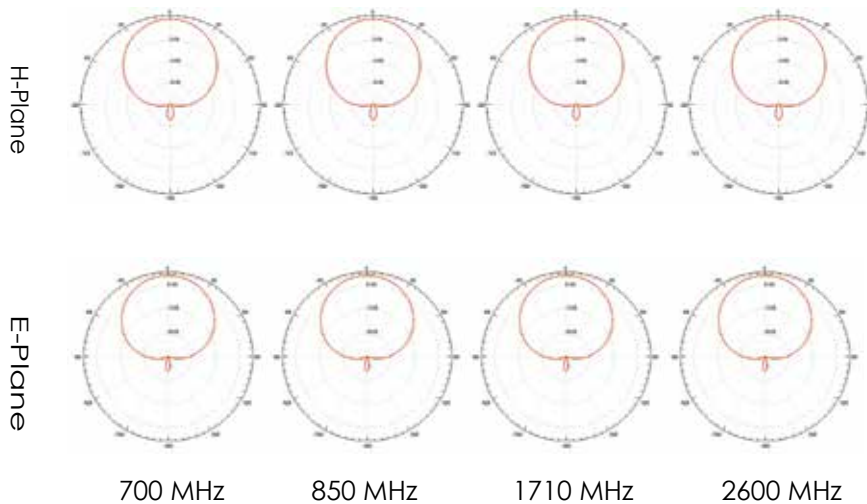
Wall mount directional antenna used for in-building applications to provide superior coverage in low signal areas when installing DAS systems



Electrical Specifications				
Frequency Range (MHz)	698-806	806-960	1700-2170	2300-2700
Polarization	±45°			
Gain (dBi)	7	7	8	8
Horizontal beam width	75±15	75±15	65±15	65±15
Vertical beam width	65	65	65	65
Intermodulation dBc (2x43 dBm carrier)	≤-153			
Impedance (Ω)	50			
VSWR	≤1.8	≤1.5	≤1.5	≤1.5
Maximum input power (W)	50			
Lightning protection	DC Ground			



Mechanical Specifications	
Connector	4.3/10 Female
Connector position	On 402-LF Pigtail
Size in (mm)	12.52 X 7.87 X 2.56 (318 X 200 X 65)
Antenna weight - lb (kg)	0.99 (0.45)
Wind loading area - ft <sup>2</sup> (m <sup>2</sup> )	≤2.15 (≤0.2)
Rated wind velocity - ft/s (m/s)	121 (36.9)
Reflector material	Aluminum
Radome material	UV ABS
Radome color	White
Operating temperature - °F (°C)	-40≈130 (-40≈55)



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