



Higher Standards. Superior Quality

# TrueConnect™ - MIMO Omnidirectional Antenna

Model No: IOM/43F/1



Multiple Input/Multiple Output (MIMO) Indoor Omni In Building Antenna  
[698-960/1710-2700 MHz]

### DESCRIPTION:

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

### Electrical Specifications

Frequency Range (MHz)	698-800	800-960	1710-2170	2170-2700
Polarization	Vertical			
Gain (dBi)	2	4.5	6	6.5
Horizontal 3dB Beamwidth (°)	360			
Intermodulation dBc (2x43 dBm carrier)	≤-153			
Impedance (Ω)	50			
VSWR	≤1.5			
Maximum input power (W)	50			
Lightning protection	DC Ground			

### ADDITIONAL INFORMATION:

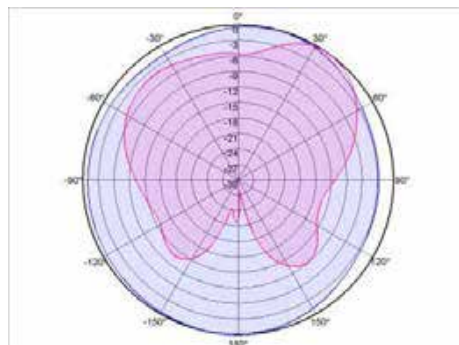
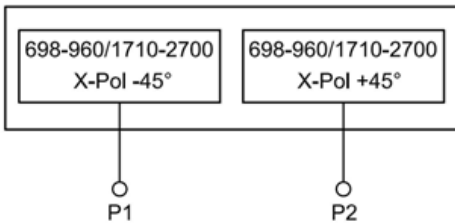
Fasteners for suspended ceiling mounting included, max. ceiling thickness 30mm

### MOUNTING & ANTENNA OPTIONS:

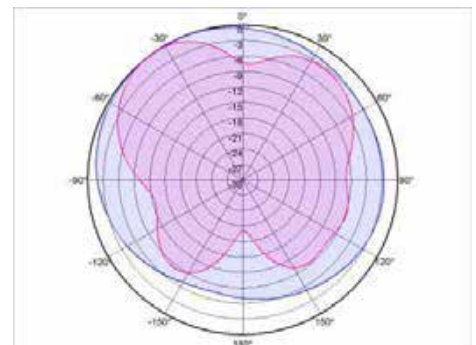
Connector options (XX):  
NF - N- Female  
43F - 4.3/10 Mini DIN

### Mechanical Specifications

Connector	2 X 4.3/10 Female
Connector position	On RG-141 Pigtailed
Size in (mm)	8.58x1.77 (218x45)
Antenna weight - lb (kg)	1.98 (0.9)
Reflector material	Aluminum Alloy
Radome material	UV ABS
Radome color	White
Operating temperature - °F (°C)	-40≈140 (-40≈60)



698-960 MHz



1710-2700 MHz