

Xbeam F

Grid antenna for hazardous applications

PIXAVI

WiFi® 802.11abgn  II 2G EEx ib II T6

Grid antenna optimized for demanding environments

A grid antenna, optimized and certified for use creating hazardous safe wireless networks. The antenna relies on intrinsically safe signals and allows for a multitude of cable diameters that makes the antenna suited for a wide range of applications. Combined with the Xpoint access points and Xcable D and E coax cables, The Xbeam-C can connect with up to 100 meters of cable length without significant loss of signal. The antenna has a narrow angle beam, providing a good solution for point to point and bridging applications.



Technical specifications

Compatibility.....	802.11b+g+a, Zigbee and bluetooth
Frequency.....	2.4 and 5 GHz
Gain.....	14 dBi
Polarization.....	Vertical
Vertical beam width.....	15°
Horizontal beam width.....	15°
Impedance.....	50 Ohm
Max input voltage (amplitude).....	40V (EX limitation)
Max input power:.....	2 Watts (EX limitation)
VSWR.....	< 1.5:1 avg.
Weight.....	0.21 lbs. (100g)
Length.....	5 in. (125 mm)
Radome material.....	GRP, EX static labeled material
Wind survival.....	>100 MPH
Operating temperature.....	-40° C to to 60° C (-40° F to 185° F)
Mounting method.....	Wall/mast adapter, see EX-BRC-A and EX-IRO-A

NOTE: The antenna relies on an Intrinsically safe signal to maintain safety. It is only for use with Xpoint series of wireless access points

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