

Xbeam B EX

PIXAVI

Omni directional antenna for hazardous applications

WiFi® 802.11abgn



II 2G EEx ib II T6

Omni antenna optimized for demanding environments

An omni directional antenna, optimized and certified for use creating hazardous safe wireless networks. The antenna relies on intrinsically safe signals provided by Pixavi Xpoint access points and allows for a multitude of cable diameters that makes the antenna suited for a wide range of applications. Combined with the Xpoint series and Xcable E and D, The Xbeam B can connect with up to 100 meters of cable without significant loss of signal. The antenna has a wide angle beam, providing better omni directional coverage.



Technical specifications

Compatibility.....	802.11b+g+a, Zigbee and bluetooth
Frequency.....	2.4 and 5 GHz
Gain.....	8 dBi
Polarization.....	Vertical
Vertical beam width.....	30°
Horizontal beam width.....	360°
Impedance.....	50 Ohm
Max input voltage (amplitude).....	40V (EX limitation, limited by barrier)
Max input power:.....	2 Watts (EX limitation)
VSWR.....	< 1.5:1 avg.
Weight.....	1 lbs. (500g)
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 X-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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