

# ZBRA2

Harmony XB5R, External antenna for harmony Hub ZBRN1 and ZBRN2, 2 m cable, 1 radio frequency connector



## Main

Range of Product	Harmony XB5R
Product or Component Type	Wireless and batteryless range
Device short name	ZBRA
Product destination	Wireless access point
Colour of base of enclosure	Black RAL 9011)

## Complementary

Communication port protocol	Zigbee green power 2.4 GHz IEEE 802.15.4
Kit composition	Antenna with cable 2 m
Input impedance	50 Ohm
Connector Type	MCX female
Antenna gain	3 dBi 83...100 Hz
Maximum sensing distance	328.08 ft (100 m) access point in free field
Net Weight	0.09 lb(US) (0.04 kg)

## Environment

Relative humidity	90 % -4...131 °F (-20...55 °C), without condensation ETSI EN 300 440-1
Electrical shock protection class	Class II IEC 61140

## Ordering and shipping details

Category	22470-XB5R WIRELESS PUSH BUTTON
Discount Schedule	I
GTIN	3606480528514
Nbr. of units in pkg.	1
Package weight(Lbs)	1.90 oz (54.0 g)
Returnability	Yes
Country of origin	CN

## Packing Units

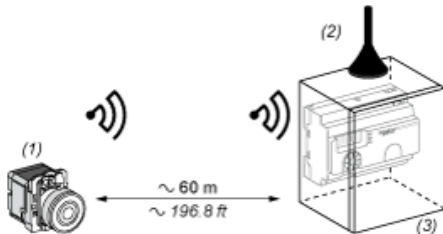
Unit Type of Package 1	PCE
Package 1 Height	1.57 in (4 cm)
Package 1 width	3.94 in (10 cm)
Package 1 Length	8.66 in (22 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Weight	6.69 lb(US) (3.036 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Clearances

Maximum Distance between Transmitter and the Access Point in a Metal Enclosure with an External Antenna



- (1) Transmitter
- (2) External Antenna
- (3) Access Point in a Metal enclosure

The range is reduced if the transmitter is placed in a metal enclosure (reduction factor : approx 10%)

Glass window	10...20 %
Plaster wall	30...45 %
Brick wall	60 %
Concrete wall	70...80 %
Metal structure	50...100 %