Ewon Accessories Datasheet

PRODUCT TYPE: FAC91201_0000 - 4G BRACKET ANTENNA WITH 5M CABLE FOR 4G/3G/2G EWON DEVICES

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1. General Information

WiFi extension cable of 2 meters for connection extension between a WiFi antenna and the Ewon device.

Product Name	Manufacturer	Product Description	Order Code	Compatible Products
4G Bracket Antenna with 5m cable for 4G/3G/2G Ewon devices.	Panorama Antennas *Product number*: B4BE-6-60-5SP	This antenna is an omni-directional broad band antenna for 4G/3G/2G Ewon devices. The design of the mounting bracket enables simple wall mounting using the supplied screws and wall plugs or mast mounting using a pipe clip or cable ties (not supplied). The omni-directional radiation pattern allows easy placement of the antenna in an elevated position.	FAC91201_0000	• EC7133L - Cosy+ 4G EU • EC7133K - Cosy+ 4G NA • EC7133M - Cosy+ 4G APAC • EC7133N - Cosy+ 4G Japan • FLB3202_0 - Flexy Extension Card 3G+ • FLB320A_00 - Flexy Extension Card 4G EU • FLB3208_00 - Flexy Extension Card 4G NA • FLB3209_00 - Flexy Extension Card 4G APAC • FLB3203_00 - Flexy Extension Card 4G Verizon

2. Technical Data and Drawings

Table 1. Technical data

Manufacturer Part Number	B4BE(W)-6-60-05SP
	B4BE(W)6-60-2SP
	B4BE(W)-6-60-5SP
Frequency Range	617-960 / 1710-6000 MHz
Operational Band	2G / 3G / 4G / 5G
Peak Realised Gain: Isotropic*	617-960 MHz (2dBi)
	1710-2700 MHz (3.5dBi)
	3400-3800 MHz (5dBi)
	4.9-6000 Mhz (7dBi)
VSWR	<2.5:1
Nominal Radiated Efficiency*	> 70%
Polarisation	Vertical
Pattern	Omni-directional
Impendance	50 Ω
Max Input Power	30 W
Dimensions	Height mounted = 164 mm (6.46")
	Diameter = 48 mm (1.89")
Operating Temperature	-40°C / +85°C (-40°F / 185°F)
Material	ASA, aluminium, zinc plated steel
Material Approvals	Radome ASA Material - UL 746C F2, UL 94-HB
Colour	Black (B4BE-6-60) or White (B4BEW-6-60)
Ingress Protection	IP66
Cable Type	CS29 (Ultra-Low Loss)
Cable Length	5 meters (17')
Cable Diameter	5 mm (0.19")
Cable Termination	SMA Plug

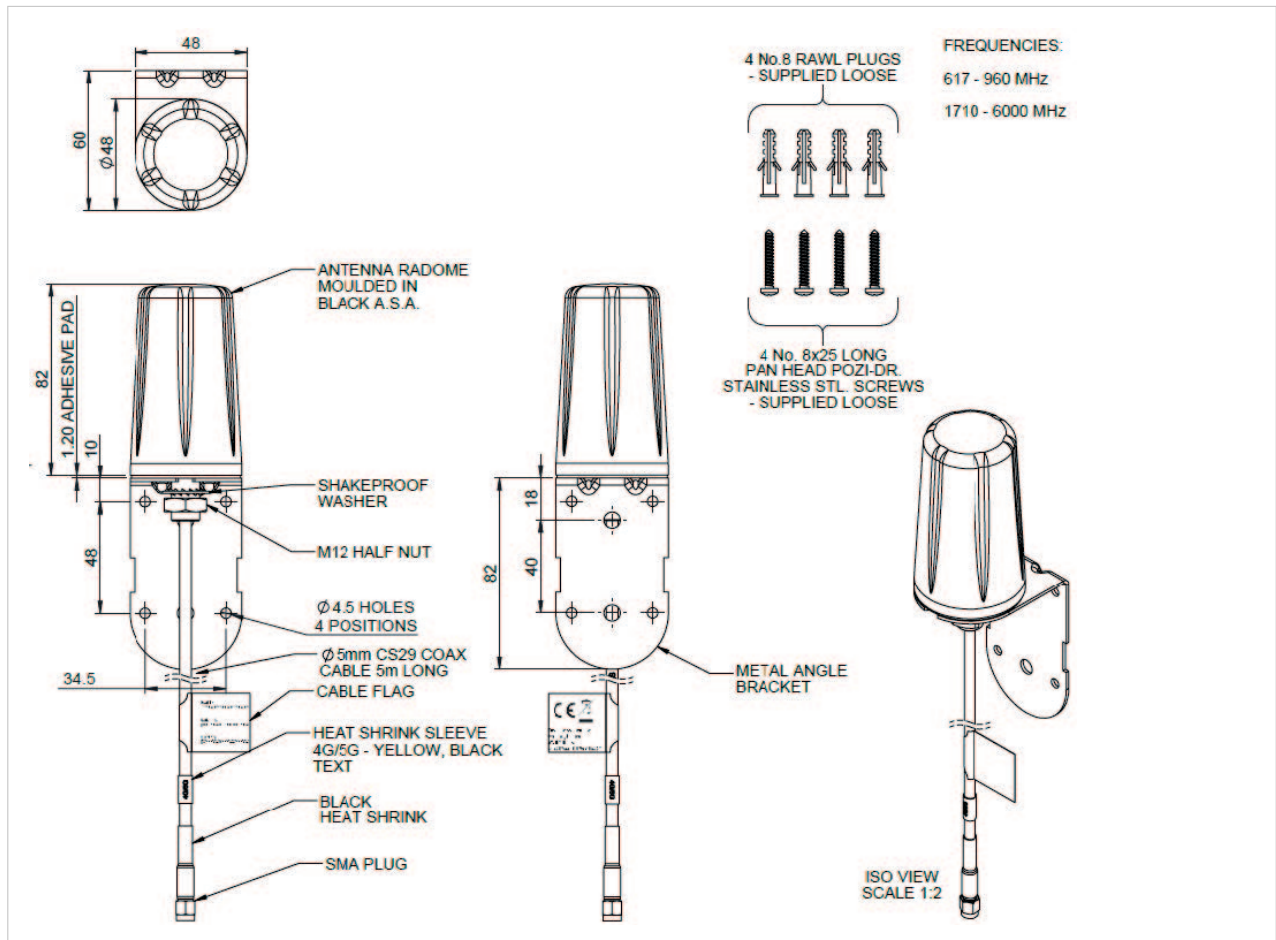*Peak gain and efficiency simulated in CST microwave studio on a bracket excluding cable loss*

Figure 1. Drawing

All the above content is based on the Panorama Antennas documentation: www.panorama-antennas.com