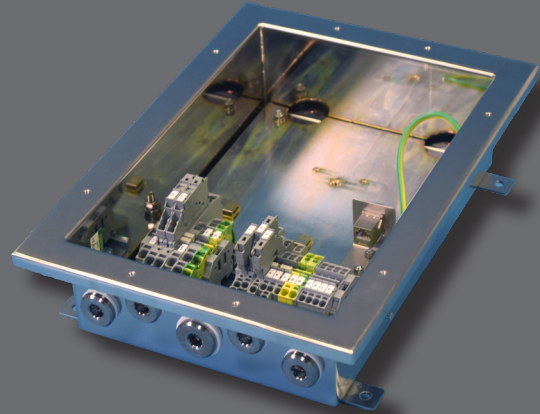


COEX™ Safe Area Junction Box

JB-MJB

The COEX™ Junction Box has been developed to work exclusively with the C2000 range of camera stations, providing cable termination for marine and safe area applications.



The Junction Box has been designed for both toughness and durability as demanded for operation in the most adverse of environments.

Manufactured from electro-polished 316L stainless steel for maximum corrosion resistance. The model incorporates terminals and the option for management of fiber optic cores, which when mounted at ground level provide a maintainable and accessible solution whilst also allowing ease of installation.

Features

- Enclosed system ensures high performance, and certified for temperatures from -45°C to +70°C ambient temperature
- Electro-polished 316L stainless steel, for maximum corrosion resistance
- IP66 Rated

Options

- Fiber splice provision with ST or SC connector configuration
- Lockable front cover
- Painted finish on external surfaces
- Removable sunshield
- IP66 and 67 Rated
- Various voltage options
- Various size options
- Enclosure breather

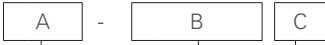
Specifications

CERTIFICATIONS / RATINGS*1	
EMC	EN61000-6-4 & EN61000-6-2
CE / UKCA	IEC62368-1, IEC60529, IEC60825-1
DNV	TAA00001M2
ENVIRONMENTAL [OPTIONS]	
Operating Temperature*2	-45°C to +70°C / -49°F to +158°F
Storage Temperature	-45°C to +80°C / -49°F to +176°F
Ingress Protection*1	IP66 [& IP67] to IEC 60529
Salt Mist	Tested to IEC 60068-2-52 & IEC 60945 Section 8.12
Vibration	0.7 g test to IEC 60068-2-6 & IEC 60945
Wind Loading	Operational to 130 km/h, survival to 200 km/h
MECHANICAL [OPTIONS]	
Material	Electro-polished 316L stainless steel
Enclosure Paint	Available on request
Dimensions (W x D x H)	[Size 3] 268 x 88 x 366 mm / 10.55" x 3.46" x 14.4" [Size 5] 444 x 131 x 444 mm / 17.48" x 5.16" x 17.48"
Weight Empty	[Size 3] 3.9 kg / 8.6 lbs [Size 5] 8.9 kg / 19.62 lbs
Weight Populated*2	[Size 3] 6.1 kg / 13.45 lbs [Size 5] 11.1 kg / 24.47 lbs
Mounting	[Size 3] 4 x Ø 6.5 mm holes (Fixing kit included) [Size 5] 4 x Ø 9 mm holes (Fixing kit included)
Standard Gland Entries*2	[Size 3] 4 x M20 and 1 x M25 [Size 5] 4 x M20 and 2 x M25
Fiber Splice Provision*2	[Up to 12x splice protectors]

NOTE: *1 Exact certification requirements must be specified at the time of order. *2 Dependent on certification and equipment fitted.

PART CODE STRUCTURE

(Example) JB - MJB-3SS



A - PRODUCT MODE	
JB	Junction Box

B - JUNCTION BOX MODEL	
MJB-3SS	Stainless Steel Size 3
MJB-5SS	Stainless Steel Size 5

C - COMMUNICATIONS INTERFACE	
None	
F	Fiber

Synectics
 sales@synecticsglobal.com
 synecticsglobal.com

Specifications subject to change. E & OE.
 Copyright © Synectic Systems Group Limited 2021. All Rights Reserved.



Reference Number:
 06DS 0601 Iss 2