



Passcomm BOP-D

Part Number: KCBOPD-XXXX-XXXX

The Passcomm BOP-D is a high quality, lightweight external Box on Post specifically designed for trackside telecom use.

Both the BOP-D enclosure and post are manufactured from corrosion resistant type 4003 stainless steel of all welded construction. The use of high chromium, corrosion resistant steels throughout the construction provides operational life expectancy in excess of 20 years with limited maintenance. The finish is polyester powder coated colour BS4800:00A09 and is provided for decorative purposes.

The BOP-D Internal cable management is maintained by the use of betaduct trunking and/or jumper rings. All enclosure metal parts are bonded. The enclosure door offers 3 point locking, and has a full door length stainless steel piano hinge for added security.

The roof is pitched and double-skinned to offer protection against solar gain. The base gland plate is pre-drilled with four main cable ports and 8 spur cable ports as standard.

The Passcomm BOP-D can be pre-kitted and pre-tailed to the customer's exact specifications. Please call for more details.



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Part No.	Description	Catalogue No.
KCBOPD-XXXX-XXXX	Generic kitted BOP-D incl post.	087/007541
KCBOWD-XXXX-XXXX	Generic kitted BOP-D excl post.	087/007542
KCBOPD-BUDI-4F4D	BOP-D kitted specifically for SWIFT project w/ 4x RJ45 adapters, BUDI-2S fibre term and 4x SC-APC pigtails and adapters	087/007527
CAB-BOP-D275	Empty BOP-D box only w/ kitting options	087/007544
CAB-BOP-POST-D275	BOP-D Post Only (for 275mm depth BOP)	087/007545
CAB-BOP-AP-HLC	Adapter plate to convert CAB-BOP-POST-D275 to fit half-loc base CAB-HLC-CBK	087/007546

Features

- Enclosure Size (WDH) 550x275x1686mm (inc post), post length of 738mm.
- IP55 rated.
- Material: 4003 stainless steel, Finish Grey BS4800:00A09.
- Enclosure Weight: 34kg (empty), Post Weight: 17kg, Adapter Plate Weight: 15kg.
- Pitched solar shield roof.
- Fold down splice/test shelf and document holder provided.
- Door hold back bar to 120°.
- 2 Lock positions, a triangular 3 point lock, and a second customer specified locking mechanism.
- 16mm earth post in base of enclosure.
- Gland plate pre-drilled to suit power and communications cables.
- The enclosure and post are shipped separately for ease of transit and installation.
- A pre-cut sealing gasket to suit the post footprint is supplied, providing an external seal for the base.
- Base mounting holes to suit Lineside Base CAB-BASE-LSTP (230mm x 230mm centres).
- Adapter plate available to suit standard half loc base.

Kitting Options and Thermal Capacity

Internal BOP-D temp to retain (°C)	Internal equipment heat output (W)
45°C	70 Watts
50°C	90 Watts
60°C	150 Watts
70°C	250 Watts

The BOP-D is designed to accommodate multiple kitting options to cover a wide range of potential trackside applications. Through independent NAMAS testing, the BOP-D demonstrated its capacity for housing active equipment that produce a range of heat outputs inside the enclosure. Table 1. Shows the heat output capacity of internal equipment that can be housed in the BOP-D whilst maintaining an internal air temperature to match the specification of the active equipment.



Layout for SWIFT project



Layout with Cisco DC/DC PSU



CommScope GCO2 with service loop