

CBD-80V3

Compact Cable Drum

Description:

OPTOKON offers the CBD-80V3 compact portable cable drum. The drum is ideal for use in military, industrial, broadcast and audio applications.

The drum is designed for winding up to 80 m of military tactical cable with an outer diameter of 6 mm. The standard application includes tactical 4 fibers military cable terminated with a HMA-J connector on one side. The internal end of the cable is terminated with 4 x SC/APC connectors connected with adapters. Two duplex SC adapters are installed in a protected box on the drum body and can be accessed after opening the cover. Once closed, there is IP 54 environmental protection that enables storage and handling of the drum in outdoor conditions.

Features:

- Small, lightweight and durable design
- Quick and easy use,
- HMA-J to 4x SC/APC four fibers cable
- 2 x duplex SC adapters fixed to the drum body
- Up to 80 m of cable, diameter 6 mm

Detail view– open cover at drum, SC adapters with connected fibers



CBD-80V3-HMA-J-4xNSC/LD4 S7A-JC-80

Specifications:

Dimensions:	drum Ø 275 mm, 370 x 280 x 210 mm (H x W x D)
Weight (without cable):	1 kg
Cable length:	up to 80 m
Protection:	IP 54
Tensile strength	80 N (fixing cable to the drum)

Ordering Code:

CBD-80V3-HMA-J-(4xXXX) /

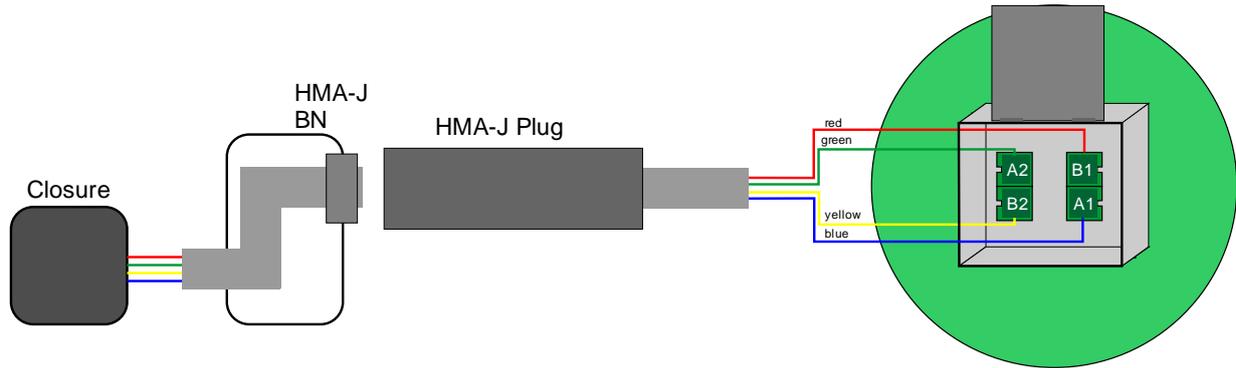
CCC FFF

- XX - LL

Connector type Up to 4 fibers HMA-J Plug XXX NSC SC/APC ULC LC/UPC other Please define	CCC – Cable type LD4 Tactical cable 4 fibers LD2 Tactical cable 2 fibers	Cable length² LL Length (m)
	FF – Fiber type OM1 MM 62.5/125 µm OM2 MM 50/125 µm OM3 MM 50/125 µm S2D SM 9/125 µm (G.652D) S7A¹ SM 9/125 µm (G.657x)	Cable type JC Cable cross

Note: 1) S7A - G.657A1 standard, other on request
2) Max. length 120 m, tactical cable Ø 5.5 mm

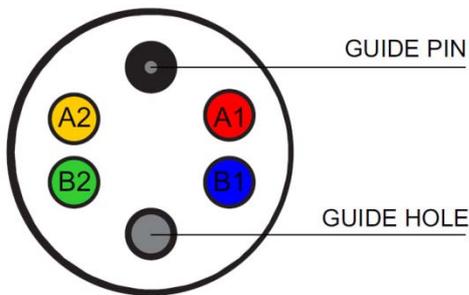
Application notes:



HMA-BNB/LD4 S7A-P-LL

CBD-80V3-HMA-J-4xNSC/LD4 S7A-JC-LL

Diagram – complete optical line connection, two HMA-J connectors, position of fiber at SC adapters



Fiber color assignment is the same for all HMA-J²:

A1 red, B1 blue, A2 yellow, B2 green

Connection of two HMA-J connectors:

A1 to B1

A2 to B2

B1 to A1

B2 to A2

NOTE:

2) Fibers are crossed during connection of two connectors

Optical patchcord connection:

