

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

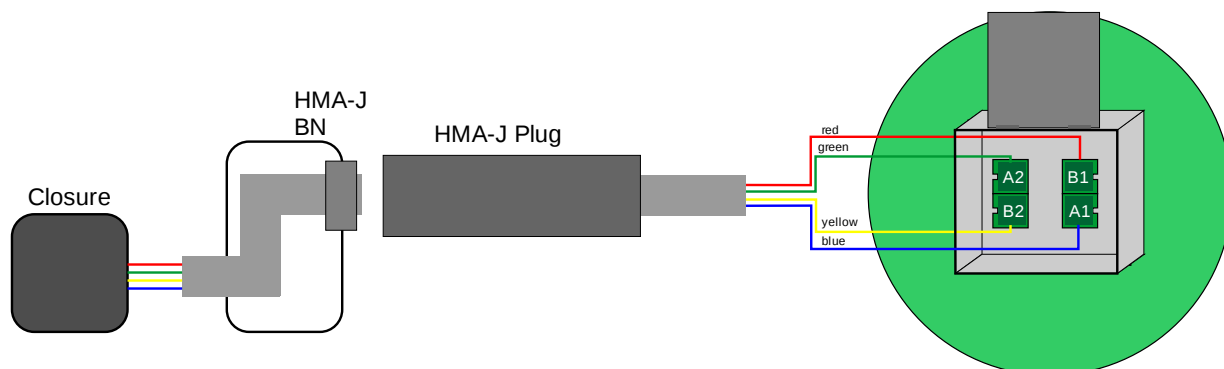
FF – Fiber type	
OM1	MM 62.5/125 µm
OM2	MM 50/125 µm
OM3	MM 50/125 µm
S2D	SM 9/125 µm (G.652D)
S7A¹	SM 9/125 µm (G.657x)

Cable length ²	
LL	Length (m)

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

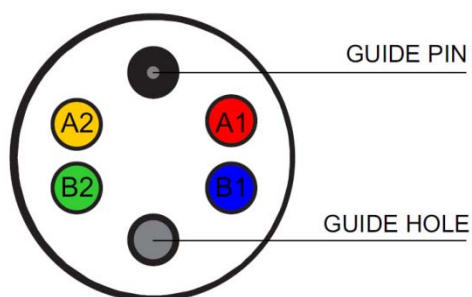
Application notes:



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:

