

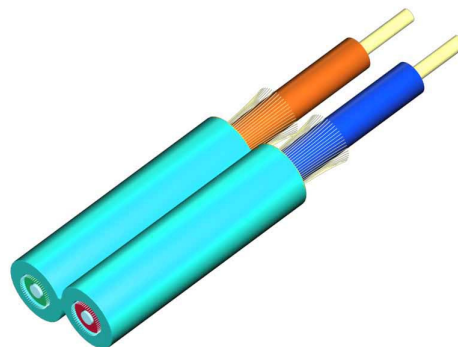
2 mm Duplex ZIP Indoor Fiber Optic Cables, Bend-Insensitive OM4 Fibers - ZPB-4-02-KH

www.dcc-cables.com

DCC Code: ZPB-4-KH-001

Applications

- Indoor general purpose cable
- Interconnect cable for jumpers, patch cords or pigtails, especially in data centers
- Bend insensitive fibers allow the patch-cords and pigtails to be tightly wound, saving space
- Small size – 2.0x4.1 mm – suitable for small form factor connectors



Standards

- IEC 60794-2-20 and 21
- IEC 60794-1-2
- IEC 60793-2-10 A1.a2
- ISO/IEC 11801 fiber type OM4
- IEC 60332-1
- IEC 61034-2
- IEC 60754-1 and 2

Construction

Fibers	Bend-Insensitive OM4 fibers per IEC 60793-2-10 A1.a4 and ISO/IEC 11801 (see cable bend performance below)
Tight buffer	HFFR, 0.9±0.05 mm
Color	Blue, orange
Strength member	Aramid yarn
Jacket	UV-protected halogen-free flame-retardant compound (HFFR), aqua
Printing	DCC FO ZPB Cable, DCC PN, OM4, HFFR, IEC 60332-1, RoHS, Batchcode, Length in m

Opto-mechanical Properties

Test	Specification	Method per IEC-794-1-2
Maximum Pulling Load	200 N	E1
Minimum Bend Radius under load	30 mm	E11
Minimum Bend Radius - no load	15 mm	
Max. Compressive Loading	500 N (300 mm mandrel)	E3
Impact Resistance	0.5 J	E4
Torsion	5 turns, 180°, cable length 500 mm	E7

DCC – Duchovni-Cucuy Cables - Advanced Cabling and Connectivity Solutions
 POB 25008, 17 Hamashbir St. Haifa 31250 Israel | Tel. +972-4-881-8404, Fax +972-4-881-8405
 Websites: www.dcc-cables.com, www.dcc.co.il | E-mail: info@dcc.co.il

2 mm Duplex ZIP Indoor Fiber Optic Cables, Bend-Insensitive OM4 Fibers - ZPB-4-02-KH

www.dcc-cables.com

DCC Code: ZPB-4-KH-001

Environmental Properties

Test	Specification	Test Standard
Operating Temperature Range	- 20° C to +70° C.	IEC-794-1-2 Method F1
Flame Propagation	Pass test as specified	IEC-60332-1
Halogen Content	Pass test as specified	IEC 60754-1
Evolved gas acidity	Pass test as specified	IEC 60754-2
Smoke generation	Pass test as specified	IEC 61034

Transmission Properties

Max attenuation @ 850 nm	2.8 dB/km
Max attenuation @ 1300 nm	0.9 dB/km
Laser bandwidth at 850 nm (*)	4700 MHz.km
LED bandwidth at 1300 nm	500 MHz.km
Max guaranteed link length for 10 GbE at 850 nm(*)	550 m

(*) Provided the link is installed with strict adherence to IEEE 802.3 and the transmitter LD complies with IEC 60793-2-10 Annex D

Cable Codes and Technical Parameters

DCC PN	DCC Cable Code	Nominal Weight (kg/km)	Nominal Dimension (mm)
FZP03525	ZPB-4-2-HT-KH	9	2.0x4.1

DCC reserves the right to alter the products described in this data sheet without prior notice

DCC – Duchovni-Cucuy Cables - Advanced Cabling and Connectivity Solutions
 POB 25008, 17 Hamashbir St. Haifa 31250 Israel | Tel. +972-4-881-8404, Fax +972-4-881-8405
 Websites: www.dcc-cables.com, www.dcc.co.il | E-mail: info@dcc.co.il