

Product Information – OpDAT VIK with mini breakout cable compact



Pre-terminated installation cables (VIK) are fiber optic cables with connectors on one or both ends that are made in manual single-item production by respecting highest quality demands. Combined with mini breakout cable compact (MBO C) they are

suitable for indoor use, especially for Fiber-in-the-Home applications. VIKs are often used together with OpDAT wall outlets. They allow a rapid and easy to install point-to-point connection for example from the apartment to the equipment room.

Properties

- > Fiber type: bend insensitive singlemode fiber, OS2
- > Pre-terminated with connector types LC and SC
- > Number of fibers from 1 to 4
- > Available with plugs of quality class **Grade B**:
In this case, particularly low insertion loss values are achieved by selecting and processing the plug ferrules.
- > Lengths from 2 to 200 m

- > The fanout is protected with bubble wrap. It serves as simple mechanical protection during transport and installation.
- > It is not suitable to pull the cable into cable ducts
- > Available as cable coil or on wooden drum (depends on length)
- > 100% testing of insertion loss and return loss, delivered with measuring protocol

Areas of Use

- > Building backbone (floor cabling)
- > Fiber-to-the-Desk
- > Fiber-in-the-Home

TECHNICAL DATA

USED FIBER TYPE	SINGLEMODE FIBER (9/125 μM)
ISO/IEC 11801 / EN 50173	OS2
IEC	60793-2-50 B.1.3 and B6_a
ITU-T	G.657.A1 and G.652.D
Attenuation at 1310 to 1625 nm	≤ 0,38 dB/km

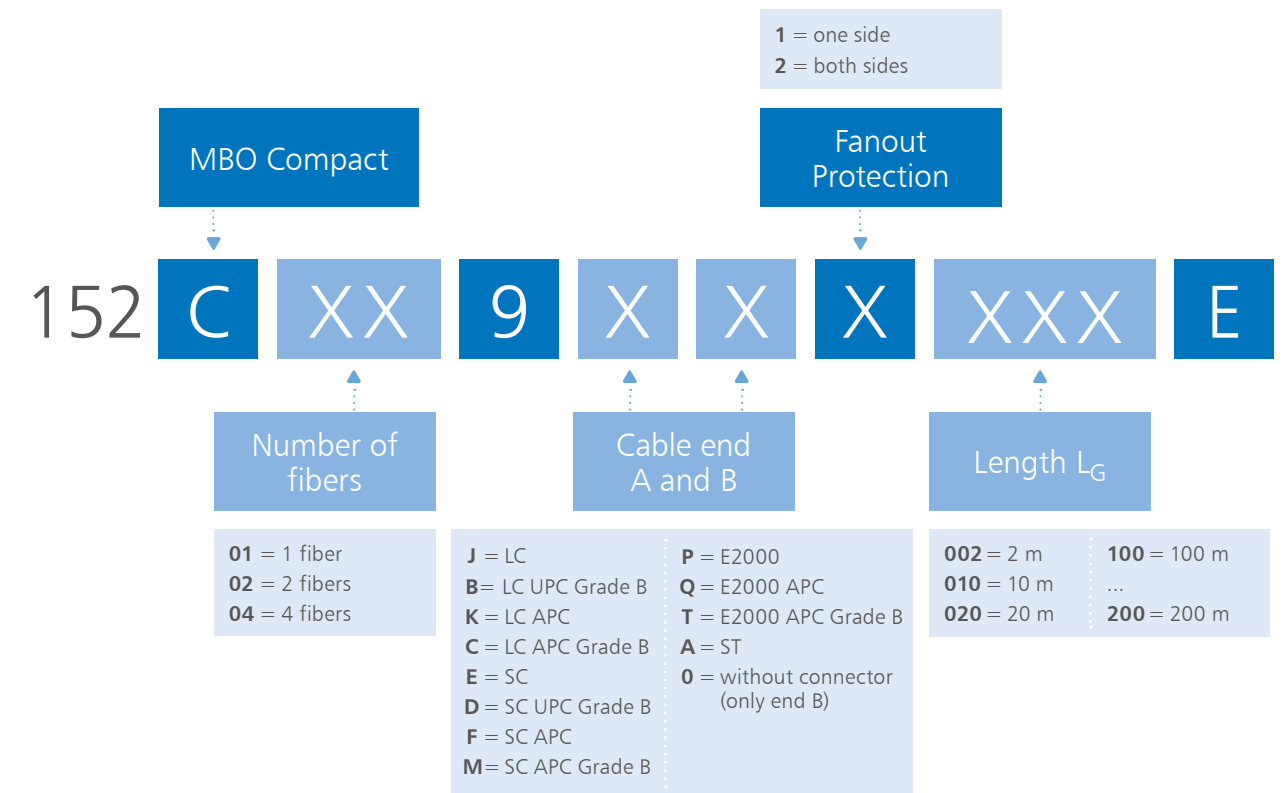
USED CONNECTOR	SC	SC GRADE B	LC	LC GRADE B	
IEC		61754-4		61754-20	
Insertion loss (IEC 61300-3-4 method B)	max.	0.3 dB ¹⁾	0.25 dB ²⁾	0.3 dB ¹⁾	0.25 dB ²⁾
	typically	0.15 dB ¹⁾	0.15 dB ²⁾	0.15 dB ¹⁾	0.15 dB ²⁾
Return loss	UPC polishing	> 50 dB	> 50 dB	> 50 dB	> 50 dB
	APC polishing	> 65 dB	> 65 dB	> 65 dB	> 65 dB

¹⁾ Measured against master

²⁾ Measured by random combination

Please note that the insertion loss of the OpDAT VIK consists of connector and fiber attenuation. With great lengths the fiber attenuation may be the main part of the insertion loss.

ORDERING INFORMATION



Use our cable configurator on our website www.metz-connect.com. It allows you to configure cables according to your individual requirements and to order them directly.



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