

Buffer OC-B

V-Protect offers optical fiber cable buffer in two sizes 0.6mm and 0.9mm. Cable is made from low smoke zero halogen, flame retardant polyolefin jacket (LS0H). Three kinds of buffer to choose: loose buffer, semi tight buffer, tight buffer. Gel-free cable design. All optical fibers compliant with ITU-T standard.



Features

- Two sizes to choose: 0.6mm and 0.9mm
- Three kinds of buffer to choose: loose buffer, semi tight buffer, tight buffer
- LSZH thermoplastic jacket.
- Completely no gel design
- Fibers compliance with ITU-T standard.

Application

- Pigtails
- Patch cables in distribution systems
- For direct connector assembly
- Connection cables for devices and for workplace cabling
- Automation

Cable characteristics

	Buffer	0.6	0.9
■ Cable type		1	
■ Fiber count		see fiber datasheet OC_F	
■ Fiber characteristics			
■ Outside diameter [mm]		0.6 ±0.05*	0.9 ±0.05*
■ Weight [kg/km]		0.6	1.0
■ Min. bend radius for installation [mm]		30	30
■ Instalation and assembly temperature [°C]		from -5 to +50	
■ Operating temperature [°C]		from -5 to +60	
■ Transport and storage temperature [°C]		from -25 to +70	

* - Accordance with the requirements of EN IEC 60794-2-50 2020

Packing

	Buffer	0.6	0.9
■ Cable type		3	2
■ Length on spool [km]			
■ Spool dimension		Flange diameter	234.5 mm
		Barrel diameter	152.0 mm
		Inner width	96.0 mm
		Outer width	116.0 mm
		Bore diameter	25.4 mm

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Fiber optic cable

▣ Cable construction



▣ Label on the spool contain

Tape of cable
Length

▣ Warranty

V-Protect warrants that the delivered tight buffer meets this specification. If the buffers fail to meet this specification, V-Protect agrees to replace such failed buffers. V-Protect makes no warranty, however, as to the results to be obtained from the use of these buffers. In no event shall V-Protect be liable for removal or installation costs or other indirect or consequential damages.

▣ Order code

OC-Bx-x-x-x-x	Buffer type ES - loose buffer (1000mm) (standard), NS - semi tight buffer (300mm), TB - tight buffer (15mm)
	Buffer color 01 - red, 02 - green, 03 - blue, 04 - yellow, 05 - white, 06 - grey, 07 - brown, 08 - violet, 09 - aqua, 10 - black, 11 - orange, 12 - pink, 13 - lime green 14 - erika violet
	Fiber color 01 - red, 02 - green, 03 - blue, 04 - yellow, 05 - white, 06 - grey, 07 - brown, 08 - violet, 09 - aqua, 10 - black, 11 - orange, 12 - pink, 13 - lime green 14 - erika violet
	Fiber type 2D - G.652.D, A1 - G.657.A1, A2 - G.657.A2, B3 - G.657.B3, 61 - OM1 62,5/125, 52 - OM2 50/125, 53 - OM3 50/125, 54 - OM4 50/125, 55 - OM5 50/125
	Buffer size: 6 - 0,6mm, 9 - 0,9mm

Standard colours:

Fiber type	G.652.D	G.657.A1,A2,B3	OM1 62,5/125	OM2 50/125	OM3 50/125	OM4 50/125	OM5 50/125
Buffer colour	Yellow	White	Blue	Orange	Aqua	Erika violet	Lime green
RAL	1021	9010	5015	2003	6027	4003	6038