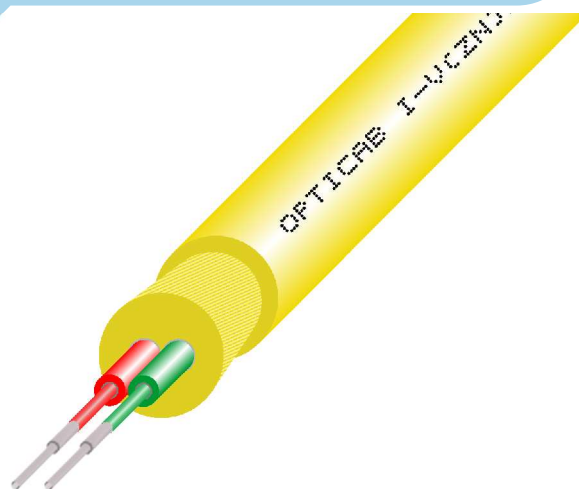


Duplex Round OC-DR

V-Protect offers optical fiber cable duplex round in four sizes 2.0, 2.4, 2.8 and 3.0mm. Two tight buffers in one round cable. Cable is made from low smoke zero halogen, flame retardant polyolefin jacket (LSOH), featuring excellent mechanical/ physical property. The strength member increases the compression and tensile parameters of the cable. Gel-free cable design. All optical fibers compliant with ITU-T standard.



▣ Features

- Four sizes to choose: 2.0, 2.4, 2.8, 3.0mm
- Two tight buffers in one round cable
- LSZH thermoplastic jacket
- Completely no gel design
- Fibers compliance with ITU-T standard

▣ Application

- Data Communications and Networks
- Internet, CCTV
- Patch cables in distribution systems
- For direct connector assembly
- Connection cables for devices and for workplace cabling
- Automation

▣ Cable characteristics

	Duplex Round	2.0	2.4	2.8	3.0
■ Cable type		2.0	2.4	2.8	3.0
■ Fiber count		2			
■ Fiber characteristics		see fiber datasheet OC-F			
■ Outside diameter [mm]		2.0	2.4	2.8	3.0
■ Buffer size [mm]		0.6	0.6	0.9	0.9
■ Tensile performance [N]		70*	100*	100*	100*
■ Crush (short term) [N]		300*	500*	500*	500*
■ Crush (long term) [N]		100*	200*	200*	200*
■ Weight [kg/km]		3.9	5.8	6.8	8.0
■ Min. bend radius for installation [mm]		30	35	40	40
■ Installation 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

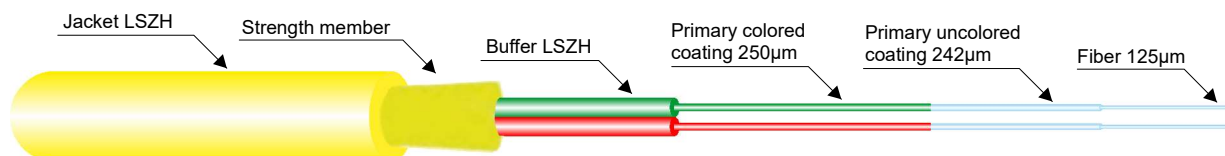
▣ Packing

	Duplex Round	2.0	2.4	2.8	3.0
■ Cable type		2.0	2.4	2.8	3.0
■ Length on drum [km]		4	3	2	2
■ Drum dimension		Flange diameter 390 mm Barrel diameter 200 mm Inner width 280 mm Outer width 300 mm Bore diameter 56 mm			

Duplex Round OC-DR

Fiber optic cable

▣ Cable construction



▣ Inscription on the cable

OPTICAB I-V(CZN)H 2X1E 9/125 G652D LSZH 00001M

(example)

▣ Label on the drum contain

Tape of cable
Length

▣ Warranty

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

▣ Order code

OC-DR_{x-x-x}

Cable 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

Cable diameter

20 - ø2,0mm, **24** - ø2,4mm, **28** - ø2,8mm, **30** - ø3,0mm

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
Cable colour	Yellow	White	Blue	Orange	Aqua	Erika violet	Lime green
RAL	1021	9010	5015	2003	6027	4003	6038