

# NOVACORD

## OFC-OS2-8T-UV-FRNC-C

8

8 x fibers

SM

Single mode



Indoor/  
Outdoor use



For outdoor and indoor use in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone (riser) and/or horizontal cabling. For outdoor and indoor use in networks for industrial, telecom, cable TV and/or broadcast. Support all computer network applications such as FDDI, Gigabit Ethernet and ATM. Not suitable for blown installation.

### Overview

Construction Type

Distribution

Environmental Space

Indoor/Outdoor

Applications

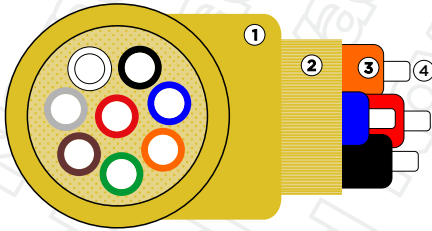
Euroclass Dca



**HIGHEST QUALITY - RELIABILITY - INNOVATION**

Novacord

## Tight buffered optical fiber distribution cable 8 fibers SM OS2 G.652.D & G.657.A1. FRNC/LSZH-C



- 1 - Jacket
- 2 - Aramid yarn
- 3 - Tight buffer
- 4 - Optic fiber

### Structure

<b>Fiber optic</b>	<b>Fiber type</b>	OS 2
	<b>Fiber count</b>	8
	<b>Fiber Grade ITU-I</b>	G.652D & G.657A1
	<b>Color coding</b>	Blue, Orange, Green, Brown, Gray, White, Red, Black
<b>Buffer</b>	<b>Construction</b>	Tight
	<b>Material</b>	FR/LSZH
	<b>Diameter</b>	0.9 mm
<b>Strength Member</b>	<b>Material</b>	Aramid Yarn
	<b>Material</b>	FRNC/LSZH-C
<b>Jacket</b>	<b>Diameter</b>	5.9±0.2 mm
	<b>Color</b>	Orange

### Mechanical properties

<b>Bending radius</b>	installation	118 mm / 20xD (outer diameter)
	operation	59 mm / 10xD (outer diameter)
<b>Crush Resistance</b>	installation	5 kN/m
	operation	3 kN/m
<b>Max pull tension</b>	installation	400 N
<b>Temperature range</b>	installation	-5°C to +50°C
	operation	-30°C to +70°C

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## Optical Characteristics

Max. Attenuation at 1310 nm	0.40 dB/km
Max. Attenuation at 1550 nm	0.30 dB/km
Max. Attenuation at 1625 nm	0.30 dB/km

## Standarts

Flame resistance	IEC 60332-1-2
Reaction to Fire - Bundle Flame	IEC 60332-3-24
CPR class	Dca-s1,d1,a1
Amt of Halogen	zero
UV/ Sunlight Protection	Yes
Cable Core Water Tight	Yes
Cable Core Waterblocking	Waterblocking Glass Yarns

## Technical data

Article	Delivery length	Drum size	Weight
2100DW	2100 m	500/250/310	73.3 kg

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