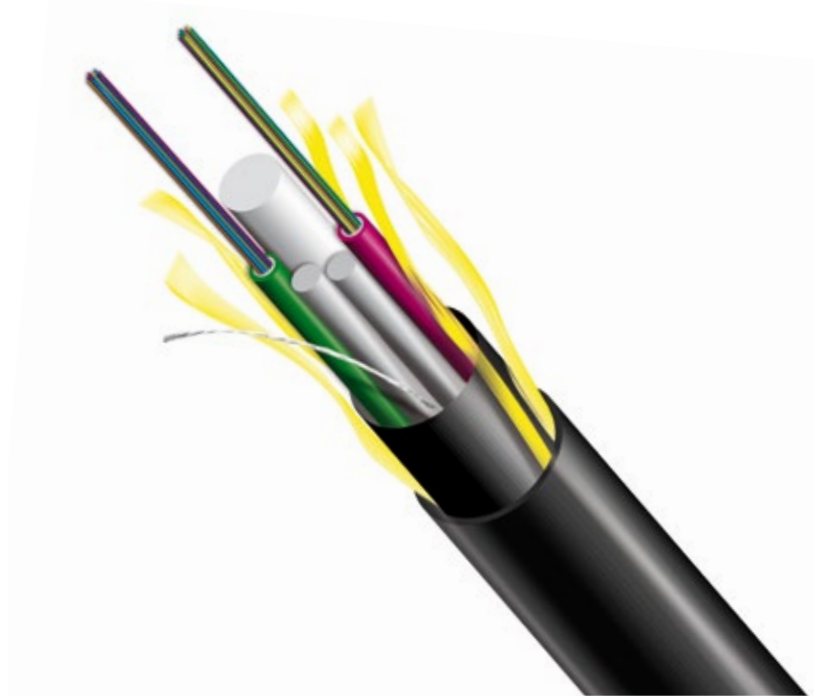


LP-OC10120244ZC200 All dielectric self-supporting Optical Cable for 200m span with 24 Singlemode SMF-28+ ITU-T G.652D fibers in Gel filled Loose Tubes, protected with Double PE Jacket, Peripheral Aramid® Yarns, FRP Central Strength member and Ripcord

LPOC10120244ZC200_SS_ENB01W

Applications

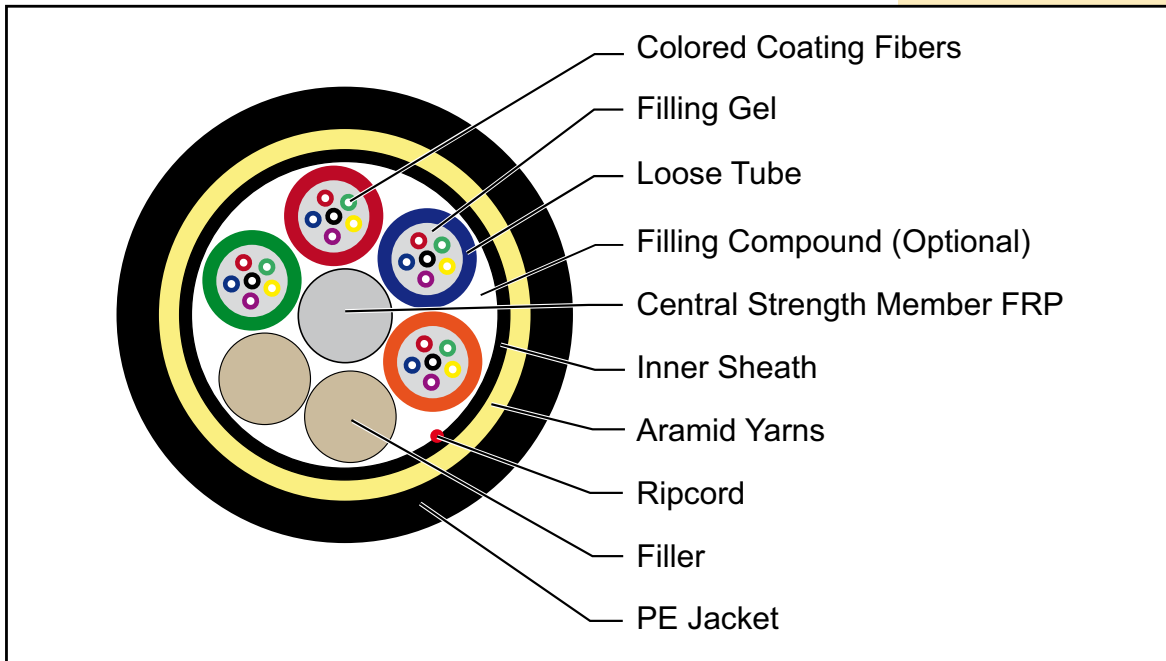
- All dielectric self-supporting Optical Cable for 200m Span.
- Subscriber Network Systems.
- Local Area Network Systems.



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The **LP-OC10120244ZC200** is what the industry calls, all dielectric self-supporting Optical Cable for 200m span with 24 Singlemode SMF-28+ ITU-T G.652D fibers in Gel filled Loose Tubes, protected with Double PE Jacket, Peripheral Aramid® Yarns, FRP Central Strength member and Ripcords.

A Cable Section



B Fiber Parameters

ITEM	DESCRIPTION	UNIT	SPECIFICATION G.652D	
1	Mode Field Diameter	1310nm	μm	9.2 ± 0.4
		1550nm	μm	10.4 ± 0.5
2	Cladding Diameter	μm	124.8 ± 0.7	
3	Cladding Non-Circularity	%	≤ 0.7	
4	Core-Cladding Concentricity Error	μm	≤ 0.5	
5	Coating Diameter	μm	245 ± 7	
6	Coating Non-Circularity	%	≤ 6.0	
7	Cladding-Coating Concentricity Error	μm	≤ 12.0	
8	Cable Cutoff Wavelength	nm	$\lambda_{cc}\leq 1260$	
9	Attenuation (max.)	@1310nm	dB/km	≤ 0.36
		@1550nm	dB/km	≤ 0.22

C Cable Parameters

ITEMS		SPECIFICATIONS
Fiber Type		G.652D
Fiber Count		24
Colored Coating Fiber	Dimension	250 μm ± 15 μm
	Color	Blue, Orange, Green, Brown, Gray, White
Loose Tube	Dimension	2.15 mm ± 0.05 mm
	Material	PBT
	Color	Blue, Orange, Green, Brown
Central Strength Member	Diámetro	2.0 mm
	Material	FRP
Inner Jacket	Dimension	8.8 mm ± 0.2 mm
	Material	PE
	Color	Black
Outer Jacket	Dimension	12.0 mm ± 0.2 mm
	Material	PE
	Color	Black

D Mechanical and Environmental Characteristics

ITEMS	UNIT	SPECIFICATIONS
Tension (Long Term)	N	1000
Tension (Short Term)	N	2500
Crush (Long Term)	N/10 cm	1000
Crush (Short Term)	N/10 cm	3000
Min. Bend Radius (Dynamic) mm	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70

E How to Order

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