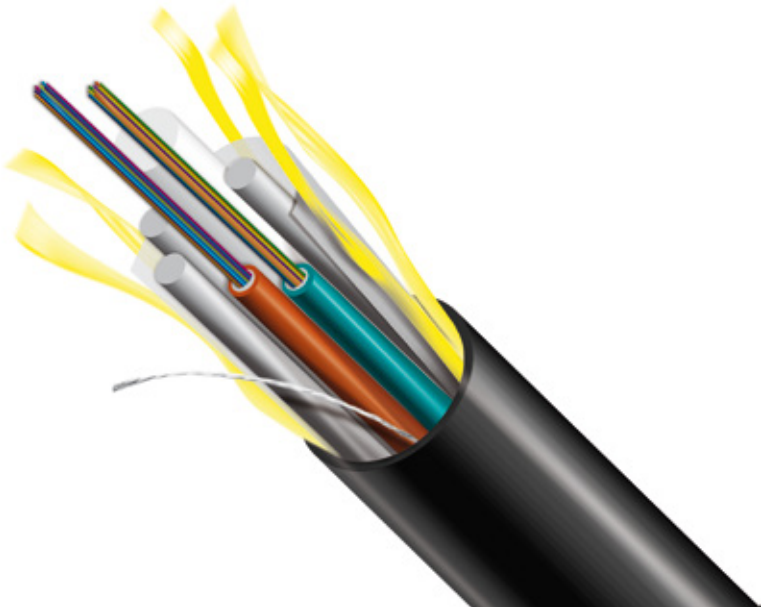
LP-OC62010124ZC120 All dielectric self supporting Fiber Optical Cable for up to 120m span, with 12 fibers singlemode G.652.D, Loose Tubes, Single PE Jacket, Central Strength member FRP, Peripheral Aramid® Yarns, Water Blocking Yarns, Tape, Gel and Ripcord.

LPOC62010124ZC120_SS_ENB01W

Applications

- All Dielectric Self Supporting Optical Cable for 120 m Span.
- Subscriber Network Systems.
- Local Area network Systems.



LP-OC62010124ZC120
All dielectric self supporting Fiber Optical Cable for up to 120m span, with 12 fibers singlemode G.652.D, Loose Tubes, Single PE Jacket, Central Strength member FRP, Peripheral Aramid® Yarns, Water Blocking Yarns, Tape, Gel and Ripcord.

The **LP-OC62010124ZC120** is what the industry calls an All Dielectric Self Supporting Optical Cable suitable for up to 120 m Spans. With 12 Color Coded Single Mode Corning® SMF-28+ ITU-T G.652.D B1.3 fibers in Gel filled Loose Tubes protected with Single PE Jacket, Peripheral Aramid Yarns for strength and FRP Central Strength member and Rip Cord, with Water Blocking Yarns, Water Blocking Tape and Gel filling.

A Fiber Parameters

ITEM	DESCRIPTION		UNIT	SPECIFICATION G.652D
1	Mode Field Diameter	1310nm	μm	9.2±0.5μm
		1550nm	μm	10.4±0.5
2	Cladding Diameter		μm	124.8±1.0 μm
3	Cladding Non-Circularity		%	≤1
4	Core-Cladding Concentricity Error		μm	≤0.6 μm
5	Coating Diameter		μm	245 ± 7μm
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0
8	Cable Cutoff Wavelength		nm	≤1260
9	Attenuation (max.)	@1310nm	dB/km	≤0.4 dB/km
		@1550nm	dB/km	≤0.3 dB/km

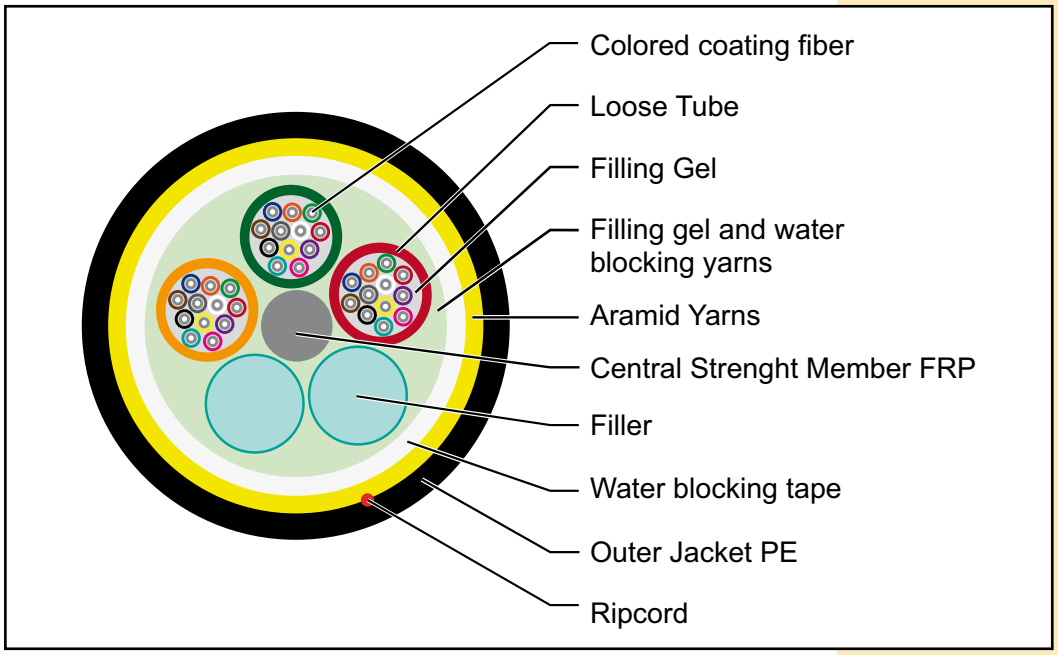
B Our Fiber Code

FIBER TYPE	LANPRO	DESCRIPTION	COMMENTS
Standard Loose Tube SM	ZC	Full spectrum, low water peak singlemode, ITU-T G.652.D	**B1.3 (G652D) P**

C Cable Parameters

ITEMS		SPECIFICATIONS
Fiber Count		12
Colored Coating Fiber	**Dimension**	250 μm ± 15 μm
	Color	Blue, Orange, Green, Brown
Loose Tube	**Dimensión**	2.0 mm ± 0.05 mm
	Material	PBT
	Color	Blue, Orange, Green
Central Strength Member	**Dimension**	2.0 mm
	Material	FRP
Outer Jacket	**Outer Jacket Thickness**	2.0 mm
	Material	PE
	Outer Diameter	10.0 mm ± 0.2 mm
	Color	Black
Cable Weight		80 Kg/Km
Compliance		ITU-T G.652 "Standard for non-dispersion shifted single-mode fiber"; ITU-T G.655 "Standard for non-zero dispersion-shifted single-mode optical fiber"; ITU-T G.657 "Standard for bending-loss insensitive single-mode optical fiber and cable for the access network"; ANSI/ICEA S-87-640 "Standard for Optical Fiber Outside Plant Communications Cable"; Telcordia GR-20 CORE Issue 2 "Generic Requirements for Optical Fiber and Optical Fiber Cable"; ANSI/TIA/EIA 598-D "Optical Fiber Cable Color Coding"; IEC-60794-1 "Standard | fibre optics | Optical fiber cables".

C Cable Structure



E Mechanical and Environmental Characteristics

ITEMS	UNITS	SPECIFICATIONS
Tension (Long Term)	N	1000
Tension (Short Term)	N	3000
Crush (Long Term)	N/10cm	500
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	ºC	-20~+60
Operating Temperature	ºC	-40~+70
Storage Temperature	ºC	-40~+70

F How to Order:

LP-OC62010124ZC120 **All dielectric self supporting Fiber Optical Cable for up to 120 m span, with 12 fibers singlemode G.652.D, Loose Tubes, Single PE Jacket, Central Strength member FRP, Peripheral Aramid® Yarns, Water Blocking Yarns, Tape, Gel and Ripcord.**

LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.