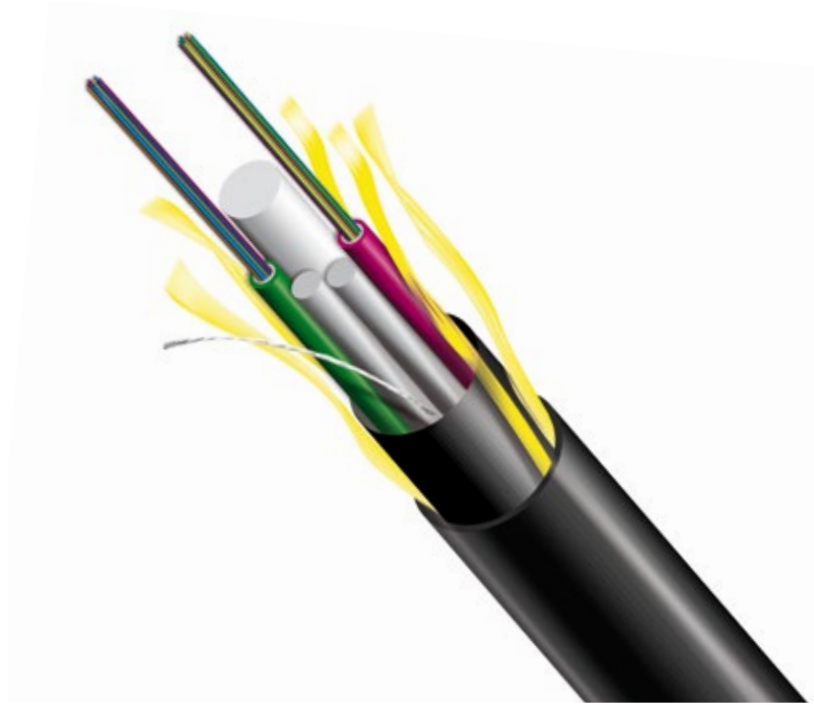


LP-OC10120244ZG750 All dielectric self-supporting Optical Cable for 750m span with 24 Singlemode LEAF® G.655 fibers in Gel filled Loose Tubes, protected with Double PE Jacket, Peripheral Aramid® Yarns, FRP Central Strength member and Ripcord

LPOC10120244ZG750 _SS_ENB01W

Applications:

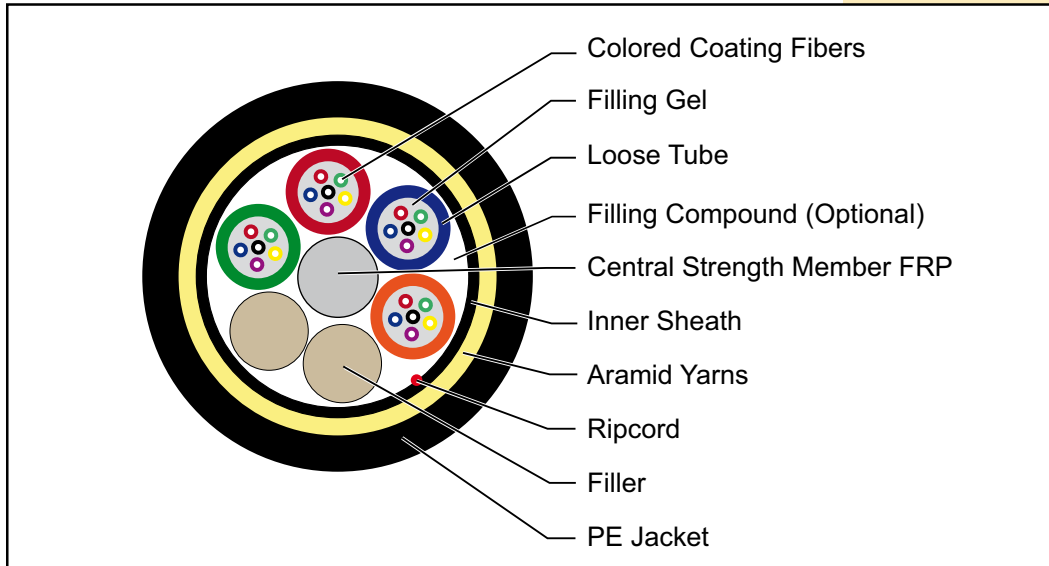
- All dielectric self-supporting Optical Cable for 750m span.
- Subscriber Network Systems.
- Local Area Network Systems.



LP-OC10120244ZG750
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The **LP-OC10120244ZG750** is what the industry calls, all dielectric self-supporting Optical Cable for 750m span with 24 Singlemode LEAF® G.655 fibers in Gel filled Loose Tubes, protected with Double PE Jacket, Peripheral Aramid® Yarns, FRP Central Strength member and Ripcord.

A Cable Section



B Fiber Parameters

ITEM	DESCRIPTION		UNIT	SPECIFICATION G.655
1	Mode Field Diameter	1550nm	μm	9.6±0.5
2	Cladding Diameter		μm	125.0±1.0
3	Cladding Non-Circularity		%	≤1.0
4	Core-Cladding Concentricity Error		μm	≤0.4
5	Coating Diameter		μm	242±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0
8	Cable Cutoff Wavelength		nm	λ _{cc} ≤1260
9	Attenuation (max.)	@1550nm	dB/km	≤0.22
		@1625nm	dB/km	≤0.25

C Cable Parameters

ITEMS		SPECIFICATIONS
Fiber Type		G.655
Fiber Count		24
Span		750m
Cable OD		14.5±0.2mm
Suitable lines		≤35Kv
Cable Weight (kg/km)		178
Colored Coating Fiber	Dimension	250 μm ± 15 μm
	Color	Blue, Orange, Green, Brown, Gray, Natural

C Cable Parameters

ITEMS		SPECIFICATIONS	
Fiber Count		G.655	
Max. No. of Loose tubes / filler No.	4/2		
Gel filled in Loose tubes	Yes		
Fiber counts in each Loose tubes	6		
Loose Tube	Dimension	2.0 mm	
	Material	PBT	
	Color	Blue, Orange, Green, Brown	
Strength Member	FRP (Fiber Reinforced Plastic)		
Inner Jacket	Thickness	0.8 mm	
	Material	PE	
	Color	Black	
Outer Jacket	Thickness	1.8 ± 0.2mm	
	Material	PE	
	Color	Black	

D Mechanical and Environmental Characteristics

ITEMS		UNIT	SPECIFICATIONS
Rated tensile strength		KN	60.4
Maximum allowable tensile		KN	24.2
Crush Resistance	Installation	N/100mm	2200
	Operating	N/100mm	1100
Min. Bend Radius (Dynamic) mm		mm	20xOD
Min. Bend Radius (Static)		mm	10xOD
Installation Temperature		°C	-40~+70
Operating Temperature		°C	-40~+70
Operating Temperature		°C	-40~+70

E How to Order

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