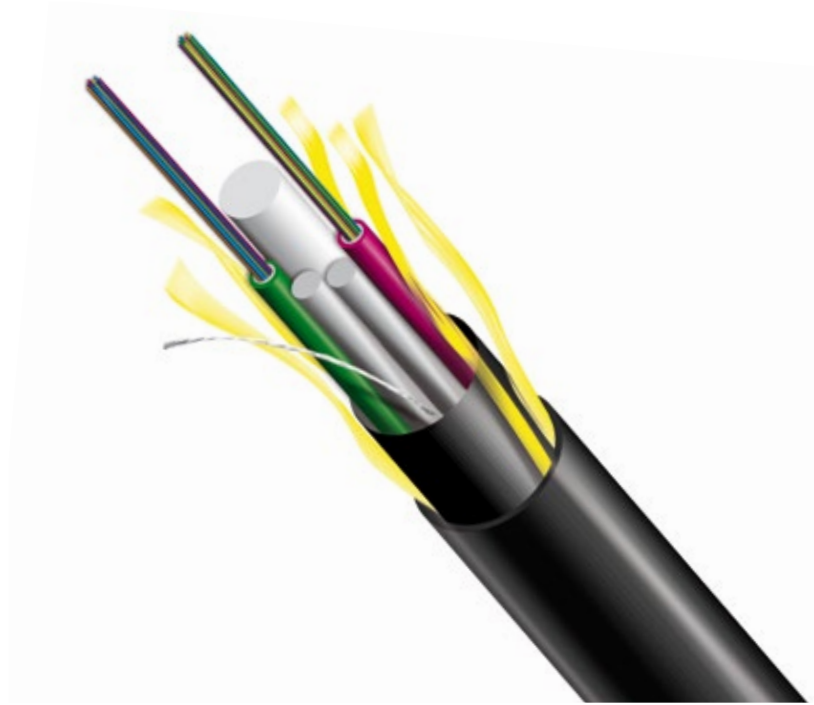


**LP-OC10120244ZG200 All dielectric self-supporting Optical Cable for 200m span with 24 Singlemode LEAF® G.655 fibers in Gel filled Loose Tubes, protected with Double PE Jacket, Peripheral Aramid® Yarns, FRP Central Strength member and Ripcord**

LPOC10120244ZG200 \_SS\_ENB01W

### Applications

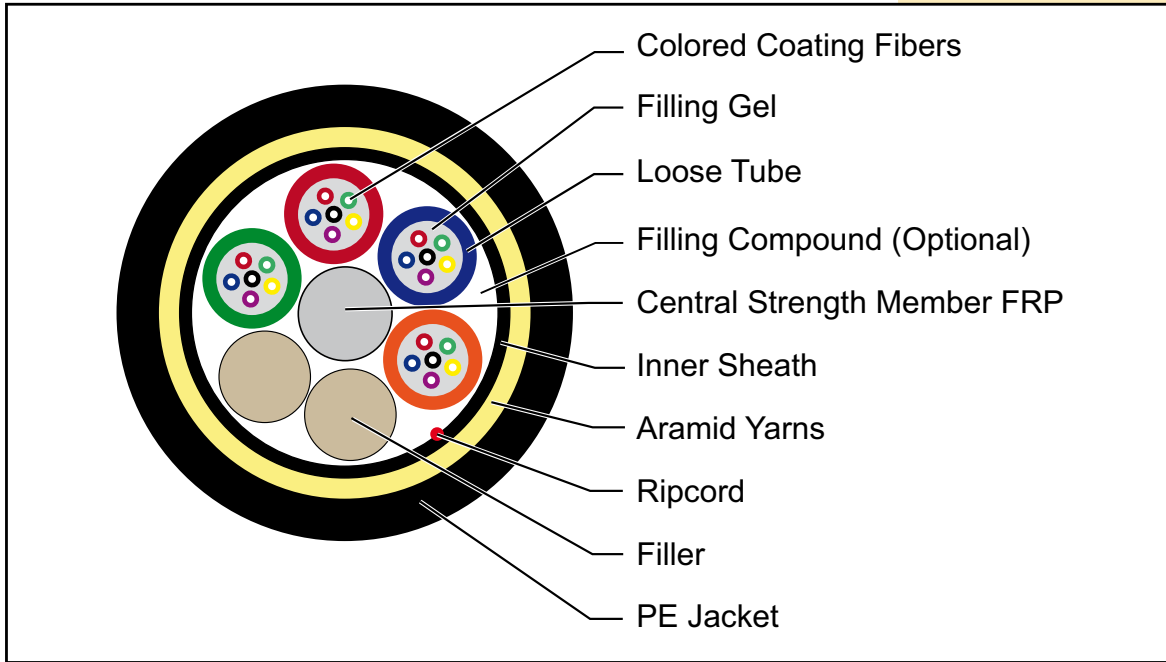
- All dielectric self-supporting Optical Cable for 200m Span.
- Subscriber Network Systems.
- Local Area Network Systems.



**LP-OC10120244ZG200**  
**All dielectric self-supporting Optical Cable**  
**for 200m 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**

The **LP-OC10120244ZG200** is what the industry calls, all dielectric self-supporting Optical Cable for 200m 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 Ripcords.

**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 <sub>cc</sub> ≤ 1260
9	Attenuation (max.)	@1550nm	dB/km	≤0.22
		@1625nm	dB/km	≤0.25

**C Cable Parameters**

ITEMS		SPECIFICATIONS
<b>Fiber Type</b>		<b>G.655</b>
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**

**LP-OC10120244ZG200** All dielectric self-supporting Optical Cable for 200m 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.