

**LP-OC54010124ZC Miniature Armored Outdoor Fiber Optical Cable with 12 Full spectrum, low water peak singlemode, ITU-T G.652.D fibers, Loose Tubes, Single PE Jacket, corrugated steel tape, Two steel wires as strength member, Gel Water Block cable core and Ripcord.**

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### Applications:

- Interbuilding voice or data communication backbones.
- Campus Lan, (CAN).
- Designed for rough conditions.
- Outdoor applications.
- Usable lashed Aerial, ducted or direct burial.
- Junction type Communication Systems.
- Subscriber network systems.
- Local area network systems.
- Usable on long-haul applications.
- Loose tube gel-filled construction for superior fiber protection.
- UV- and moisture-resistant design.
- Termite and rodent resistant construction.



Mini Armadillo™

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**with 12 Full spectrum, low water peak singlemode,**  
**ITU-T G.652.D fibers, Loose Tubes, Single PE Jacket,**  
**corrugated steel tape, Two steel wires as strength**  
**member, Gel Water Block cable core and Ripcord.**

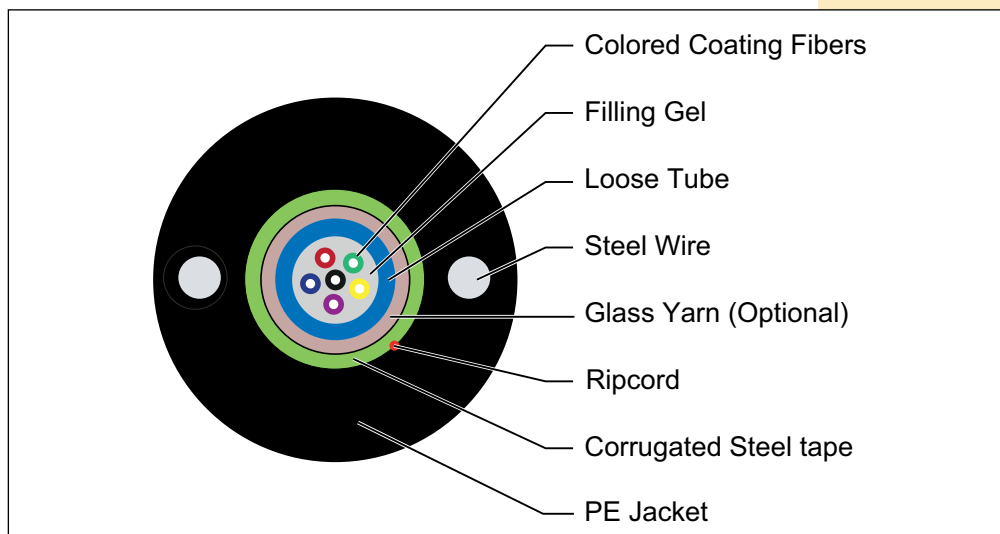
**LP-OC54010124ZC** Series of Fiber Optic Cables is what the industry calls an Outside Plant Cable, Corrugated Steel Tape armored for underground conduits or ducts or in aerial/lashed deployment for Outdoor applications.

Loose tube style, optical fiber cable light armored with corrugated steel tape, with two steel wires as strength member and gel water block cable core with ripcord. The cable is protected by a black colored PE over sheath. The tube contain optical singlemode or multimode fibers color coded as per color coding scheme embedded in gel.

**LP-OC54010124ZC** Series of Fiber Optic Cables possesses high tensile strength and flexibility in compact cable sizes. At the same time, it provides excellent optical transmission and physical performance.

**A Cable Construction:**

- Fiber type: Singlemode or multimode
- Gel filling
- PBT loose tube
- Armor: Corrugated stainless steel tape
- Two steel wire as strength members
- Outer jacket HDPE. Withstand water, dust, oil, chemicals.



**B Specifications:**

<b>Fiber Count</b>	12	
<b>Structure</b>	Center tube	
<b>Max. Fiber number per tube</b>	12	
<b>Loose tube</b>	Diameter	2.5mm
<b>Gel</b>	Yes	Gel filling in loose tubes
<b>Water Blocking</b>	Material	Water swellable material
<b>Armor</b>	Material	Corrugated steel tape
<b>Outer Jacket</b>	Thickness	2.0±0.2mm
	Material	Anti UV HDPE
<b>Peripheral strength member</b>	Material	Fiberglass yarn (Optional)
<b>Ripcord</b>	2pcs	Under armored
<b>Cable OD mm</b>	8.0±0.2	
<b>Cable weight (kg/km)</b>	75±5	
<b>Operation temperature range</b>	-40°C to + 70°C	
<b>Installation temperature range</b>	-40°C to + 70°C	
<b>Transport and storage temperature range</b>	-40°C to + 70°C	
<b>Allowable Tensile Load (N)</b>	Short term: 2000	
	Long term: 1000	
<b>Crush resistance</b>	1000 N/10cm	
	2200N/10CM	
<b>Minimal installation bending radius</b>	20 x OD	
<b>Minimal operation bending radius</b>	10 x OD	

**C How to order:****LP-OC54010124ZC**

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