

**LP-OC52150644ZC Outdoor Loose Tube Single LSZH rated Jacket with UV protection Fiber Optic Cable, Corrugated steel tape armored with FRP Central Strength Member and dry water block tape with rip cord, 64 Singlemode, low water Peak full spectrum, ITU-T G.652D B1.3 9/125 um fibers.**

LPOC52150644ZC\_SS\_ENB01W

#### Features:

- Loose tube gel-filled construction for superior fiber protection.
- UV- and moisture-resistant design.
- Termite and rodent resistant construction.
- Dry Water Blocking tape with Ripcord.

#### Applications:

- Interbuilding voice or data communication backbones.
- Campus LAN, (CAN).
- Designed for rough conditions.
- Outside Plant usage.
- Usable lashed Aerial, ducted or direct burial.
- Junction type Communication Systems.
- Subscriber network systems.
- Local area network systems.
- Usable on long-haul applications.

Armadillo™



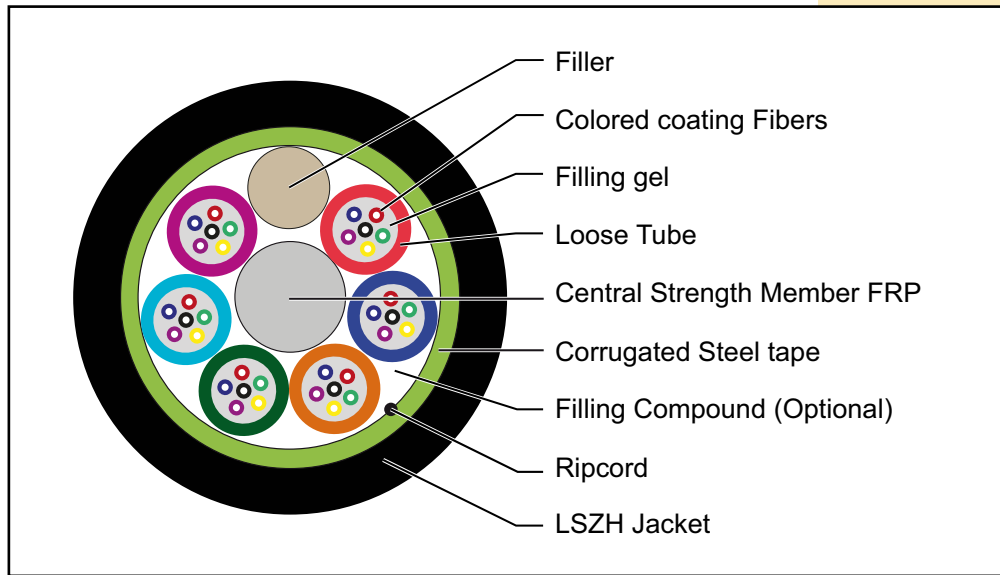
**LP-OC52150644ZC**  
**Outdoor Loose Tube Single LSZH rated Jacket with UV protection Fiber Optic Cable, Corrugated steel tape armored with FRP Central Strength Member and dry water block tape with rip cord, 64 Singlemode, low water Peak full spectrum, ITU-T G.652D B1.3 9/125 um fibers.**

The **LP-OC52150644ZC** Fiber Optic Cable by LanPro 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 non-metallic central strength member of FRP and dry water blocking tape with ripcord. The cable is protected by a LSZH rated with UV protection over sheath.

The tubes contain sixty four (64) optical Singlemode ITU-T G.652.D fibers color-coded as per color-coding scheme.

**A Cable structure:**



**B Product Construction:**

**Fiber Count:**

- 64 Fibers.
- Loose tube gel-filled for moisture protection.
- Color-coding per TIA/EIA 598 B.

**Central Strength Member:**

- FRP (Fiber Reinforced Plastic) (A rod made of Epoxy/glass).

**Water Blocking:**

- Dry Water Block tape with Ripcord.

**External Jacket:**

- LSZH rated with UV protection.
- Sequential meter markings standard/ Footage optional.

**Armor:**

- Laminated Corrugated Steel Tape.

**C Cable construction and dimensions:**

ITEMS		DESCRIPTION
Optical Fiber		ITU-T G.652D B1.3
Fiber count		64 fibers
Central strength member	Material	FRP
	Diameter	2.8 mm
Loose tubes	Material	PBT
	Diameter	Nominal 2.1mm
Filler	Number	6
	Material	PP
Armor	Number	1
	Material	Corrugated Steel tape
Outer jacket	Material	HDPE - LSZH with UV protection
	Thickness	Average 1.6 mm

**D Cable Description:**

<b>Tensile Strength (IEC60794-1)</b>	<b>Long term</b>	600N	
	<b>Short term</b>	1500N	
<b>Crush Resistance (IEC60794-1)</b>	<b>Long term</b>	300 N/100mm	
	<b>Short term</b>	1000 N/100mm	
<b>Operating temperature</b>		-40°C to +70°C	
<b>Storage temperature</b>		-40°C to +70°C	
<b>Bending Radius</b>		Static 10 × Diameter	
		Dynamic 20 × Diameter	
<b>Cable Diameter</b>		Approx. 11.5 mm	
<b>Cable weight</b>		Approx. 143 kg/km	
<b>Attenuation</b>	G652	≤ 0.36 dB/km @1310nm	≤ 0.22 dB/km @1550nm

**F How to order:**

**LP-OC52150644ZC** Outdoor Loose Tube Single LSZH rated Jacket with UV protection Fiber Optic Cable, Corrugated steel tape armored with FRP Central Strength Member and dry water block tape with rip cord, 64 Singlemode, low water Peak full spectrum, ITU-T G.652D B1.3 9/125 um fibers.