

LanPro LP-OC15XX Type 15 (Loose Tube Single Jacket Metallic Strength Member Fiber Optic Cable).

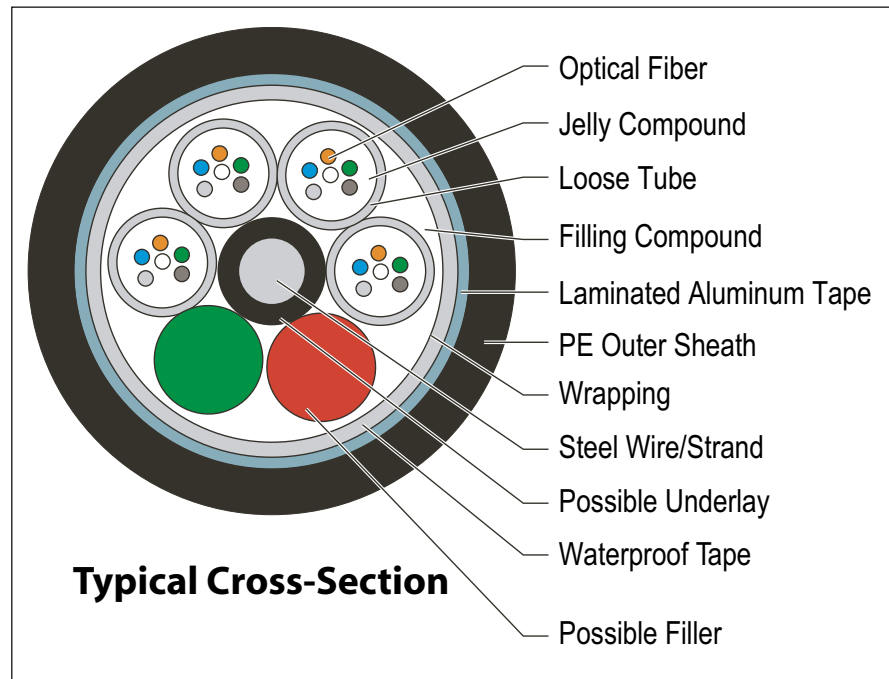
LPOC15XX_SS_ENB01W

Features

- Loose tube gel-filled construction for superior fiber protection.
- UV- and moisture-resistant design.
- Dry Water Block cable core for ease of handling.
- Peripheral strength is provided by the aluminium tape
- Strength member of stranded steel wires

Applications

- Interbuilding voice or data communication backbones.
- Installed in ducts, underground conduit or aerial/lashed.
- Long-haul communication systems.
- Junction Communication systems.
- Subscriber network systems.
- Local area network systems.



The water blocking tape is for fiber count of 98 to 144 only

LanPro LP-OC15XX Type 15 (Loose Tube Single Jacket Metallic Strength Member Fiber Optic Cable).

The family of LanPro LP-OC15XX Type 15 Cables is what the industry calls an Outside Plant Cable for underground conduits or ducts or in aerial/lashed deployment.

Loose tube style, optical fiber cable with metallic central strength member of steel wire/strand and moisture barrier inner sheathed. Cable protected by a black PE oversheath, suitable for duct or aerial application. Tubes contain optical single-mode or multimode fibers color-coded as per color coding scheme.

A Characteristics.**Product Construction**

Fiber	<ul style="list-style-type: none"> ▫ 2-144 fibers. ▫ Loose tube gel-filled. ▫ Color-coding per TIA/EIA 598 B.
Central Strength Member	<ul style="list-style-type: none"> ▫ Steel Wire Strand with possible underlay.
Outer Jacket	<ul style="list-style-type: none"> ▫ Black UV- and moisture-resistant polyethylene (PE). ▫ Sequential meter markings standard/ Footage optional.

Compliances

- ANSI/TIA/EIA 568 B.3
- ICEA S-87-640
- Rural Utilities Service (RUS) 7 CFR 1755.900 (REA PE-90)
- GR-20
- RoHS Compliant Directive 2002/95/EC

B Dimensional Characteristics.

Fiber Count	Max. Number of fibers per tube	Strength member diameter (mm)	Stranded Units	Nominal Cable Diameter (mm)	Nominal Cable Weight (Kg/Km)
2-30	6	1.6	5	10.6	108
32-36	12	2.3	6	11.3	135
38-60	12	2.0	5	12.0	140
62-72	12	2.3	6	12.8	165
74-96	12	2.3	8	14.5	200
98-120	12	2.3	10	16.5	246
122-144	12	2.3	12	18.5	300

C Mechanical & Environmental.

Characteristics	2-60 Fibers	62-144 Fibers
Tensile Strength	1500 N	3000 N
Crush Resistance	1000N/100mm	
Minimum Bending Radius		
During Installation	20 x Diameter	
After Installation	10 x Diameter	
Temperature range		
Storage	-50 °C to +70 °C	
Operating	-40 °C to +60 °C	

D How to Order.

LP-OC1501CCC4FF

LP-OC	15	01	CCC	4
LanPro Fiber Optic	Series Type: Loose Tube Single Jacket Metallic Strength Member Fiber Optic Cable	Jacket Suffix: Dry Water Block Cable Core	Fiber Count: 2-144	Buffer Construction: Multi-fiber loose Tube (Gel-Filled).

FF

Fiber Type:

QL: Multi-Mode-62.5/125-IEC 60793-2-10 Type A1b.

BI: Multi-Mode-50/125-IEC 60793-2-10 type A1a.1

ZC: Single-Mode-9/125-Full spectrum, low water peak single mode, ITU-T G.652.D/B1.3 Standards.

Examples:

LP-OC15010044QL	Loose Tube Single Jacket Cable, Dry Water Block Cable Core, Steel wire Stranded Core strength member, Multi-Fiber Loose Tube (gel-Filled), 4 Fibers, Multi-Mode 62.5/125- IEC 60793-2-10 Type A1b fiber.
LP-OC15010044ZC	Loose Tube Single Jacket Cable, Dry Water Block Cable Core, Steel wire Stranded Core strength member, Multi-Fiber Loose Tube (gel-Filled), 4 Fibers, Single-Mode -9/125- Full spectrum, low water peak single-mode, ITU-T G.652.D/B1.3 Standard.

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