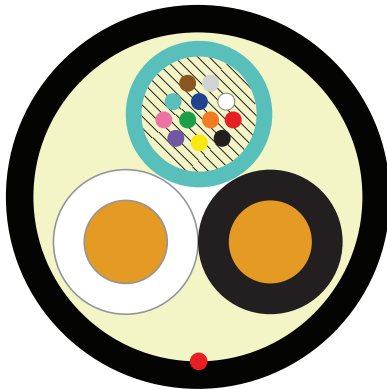


Indoor/Outdoor Plenum CL3P (ACPC)

APPLICATION

Leviton's composite copper/fiber cables incorporate high bandwidth optical fibers with insulated copper conductors. A wide variety of design options are available including: up to four 12 AWG solid conductors, 12 loose tube fibers, and interlock armoring. These cables are listed as CMP-OF and CL3P-OF/PLTC-OF. A key application of these cables is to extend the distance of standard category cables for powering network devices from power sources, for example Leviton's OneReach™ PoE Extender (Power over Ethernet). This distance can range from 328 to several thousand feet, depending on the application and network environment. The powered device could be an IP camera, a wireless access point, or other building automation device located in an area where an electrical outlet is not readily available.



COUNTRY OF ORIGIN

USA

WARRANTY INFORMATION

For Leviton product warranties, go to [Leviton.com/ns/warranty](https://www.leviton.com/ns/warranty)

FEATURES & BENEFITS

- Single-mode, multimode, and hybrid designs available
- CMP-OF and CL3P-OF/PLTC-OF, wet and dry rated
- Enables PoE equipment to be located more than 100 meters from the switch when used with Leviton's OneReach™ system
- CMP-OF and CL3P-OF/PLTC-OF allows cable to be installed in communication pathways
- Ease of installation
- Broad design selection allows for mix and match of copper and fiber components to specific networking applications
- Aluminum interlock armored designs available
- Armor option adds crush resistance and is a cost-effective alternative to plenum innerduct

STANDARDS & REGULATIONS

- EN 50173; ISO/IEC 11801
- ANSI/ICEA S-104-696; ANSI/TIA-568-C.3; NFPA 130; Telcordia GR-409; UL 13
- ETHERNET: 10BASE – 40GBASE (10BASE, 100BASE, 1000BASE, 10GBASE, 40GBASE, 100GBASE, 400GBASE)
- Fibre Channel: 1G-FC – 128GFC (1, 2, 4, 8, 16, 32, 128 GFC)
- SONET: OC-1 – OC-768 (OC -1, 3, 12, 24, 48, 192, 768)
- SDH: STM-0 – STM-256 (STM-0, 1, 4, 16, 64, 256)
- OTN: OTU-1 – OTU4 (OTU1, 2, 2e, 2f, 3, 3e2, 4)
- CPRI: CPRI-1 – CPRI-9 (CPRI-1, 2, 3, 4, 5, 6, 7, 7a, 8, 9)
- PON (SMF ONLY): RFoG, APON, BPON, EPON, GPON, WDM-PON, NG-PON

PRODUCT SPECIFICATIONS
Indoor/Outdoor Plenum CL3P (ACPC)

Indoor/Outdoor Plenum CL3P (ACPC)

CHARACTERISTICS

Construction	
Type of cable	Loose Tube
Jacket material	Plenum
Usage Characteristics	
Temp. (Storage):	-60 °C to +85 °C (-76 °F to +185 °F)
Temp. (Installation):	-30 °C to +60 °C (-22 °F to +140 °F)
Temp. (Operating):	-40 °C to +75 °C (-40 °F to +167 °F)

CONDUCTOR COLOR SEQUENCE

1	Black
2	White
3	Blue
4	Yellow

TECHNICAL DATA - PHYSICAL

Fiber Count	Part Numbers	Diameter		Weight		Min. Bend Radius				Max. Loading			
						Install		Long Term		Install		Long Term	
		in	mm	lb./kft	kg/km	in	cm	in	cm	lbf	N	lbf	N
4	ACPC004-002x12AWG	0.328	8.3	79	118	4.9	12.5	3.3	8.3	300	1335	90	400
8	ACPC008-002x12AWG	0.328	8.3	79	118	4.9	12.5	3.3	8.3	300	1335	90	400
12	ACPC012-002x12AWG	0.328	8.3	79	118	4.9	12.5	3.3	8.3	300	1335	90	400
12	ACPC012-004x12AWG	0.393	10.0	138	205	5.9	15.0	3.9	10.0	300	1335	90	400

FIBER DATA AND SHEATH COLORS

Fiber Type	Part Number Suffix	Leviton Fiber	Core Size	Wavelength (nm)	Maximum Attenuation (dB/km)	Effective Modal Bandwidth @ 850 nm (MHz·km)	Distance (meters)				Sheath Color
Multimode - 62.5 µm Standard, and 50 µm Bend Insensitive							1 GbE	10 GbE	40 GbE	100 GbE	
OM1	CB3510/25	CB	62.5 µm	850/1300	3.5/1.0	200	300	33	N/A	N/A	Black
OM3	EB3010/25	EB	50 µm	850/1300	2.8/0.8	2000	1000	300	100	70	Black
OM4	FB3010/F5	FB	50 µm	850/1300	2.8/0.8	4700	1040	550	150	100	Black
OM4+	XB3010/X5	XB	50 µm	850/1300	2.8/0.8	4900	1210	600	300	150	Black
WideBand Multimode - Bend Insensitive							1 GbE	10 GbE	40 GbE	100 GbE	
OM5	WB3010/W5	WB	50 µm	850-953/1300	2.8/0.8	4700	1040	550	190	100	Black
Single-mode Bend Insensitive - ITU-T G.652.D and G.657.A1 Compliant							1 GbE	10 GbE	40 GbE	100 GbE	
OS2	AB0403	AB	SMF	1310/1550	0.4/0.3	N/A	≥ 5000	≥ 10000	≥ 10000	≥ 10000	Black

For further support information, visit Leviton.com/ns/support