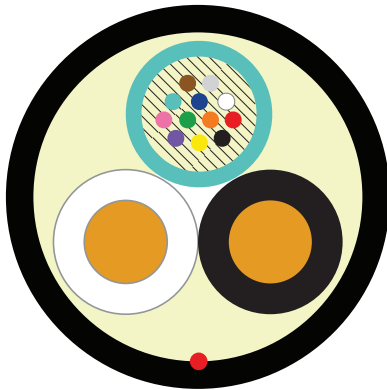


## Indoor/Outdoor Plenum CL3P (ACPC)

### 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 (ACPC), 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

### 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
<b>Multimode - 62.5 µm Standard, and 50 µm Bend Insensitive</b>							<b>1 GbE</b>	<b>10 GbE</b>	<b>40 GbE</b>	<b>100 GbE</b>	
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
<b>WideBand Multimode - Bend Insensitive</b>							<b>1 GbE</b>	<b>10 GbE</b>	<b>40 GbE</b>	<b>100 GbE</b>	
OM5	WB3010/W5	WB	50 µm	850-953/1300	2.8/0.8	4700	1040	550	190	100	Black
<b>Single-mode Bend Insensitive - ITU-T G.652.D and G.657.A1 Compliant</b>							<b>1 GbE</b>	<b>10 GbE</b>	<b>40 GbE</b>	<b>100 GbE</b>	
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](http://Leviton.com/NS/Support)