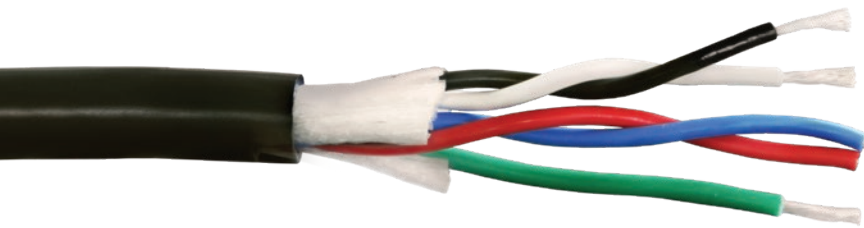


Cables specially designed for the distribution of low voltage architectural lighting control nodes. Also available with auxiliary power conductors for devices such as interfaces and LCD displays. The integral drain wire is especially useful in installations with non-metallic conduit.



**PCLP2PT** - ProPlex Architectural Node LV Cable 2-pair.

2-16 AWG [1.5mm<sup>2</sup>] pairs and 1-14 AWG [2.5mm<sup>2</sup>] ground conductor in a durable PVC jacket.



**PCLP1PT** - ProPlex Architectural Node LV Cable 1-pair.

1-16 AWG [1.5mm<sup>2</sup>] pair and 1-22 AWG [0.34mm<sup>2</sup>] ground conductor in a durable PVC jacket.

**RoHS**  
Compliant



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### Specifications – Standard Cables

| Part Number                    | PCLP2PT                                                                                                                        |                                                                                                              | PCLP1PT                                                                                                                          |                                                                                                              |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Conductors</b>              | 16 AWG [1.5 mm <sup>2</sup> ]<br>Conductors: Tinned, annealed copper, stranded [26/30]                                         | 14 AWG [2.5 mm <sup>2</sup> ] Conductor:<br>Tinned, annealed copper, stranded [41/30]                        | 16 AWG [1.5 mm <sup>2</sup> ]<br>Conductors: Tinned, annealed copper, stranded [26/30]                                           | 22 AWG [0.34 mm <sup>2</sup> ]<br>Conductor: Tinned, annealed copper stranded [7/30]                         |
| <b>Insulation</b>              | 16 AWG Conductors:<br>300 volt PVC<br>Black/White, Red/Blue<br>Nom. Wall: 0.010 in [0.25 mm]<br>Nom. Dia.: 0.079 in [2 mm]     | 14 AWG Conductor:<br>300 volt PVC<br>Green<br>Nom. Wall: 0.012 in [0.30 mm]<br>Nom. Dia.: 0.098 in [2.49 mm] | 16 AWG Conductors:<br>300 volt PVC<br>Black/White<br>Nom. Wall: 0.010 in [0.25 mm]<br>Nom. Dia.: 0.079 in [2 mm]                 | 22 AWG Conductor:<br>300 volt PVC<br>Green<br>Nom. Wall: 0.010 in [0.25 mm]<br>Nom. Dia.: 0.050 in [1.27 mm] |
| <b>Assembly</b>                | 2 pairs - 16 AWG conductors and 1 - 14 AWG conductor cabled with fillers.                                                      |                                                                                                              | 1 pair - 16 AWG conductors and 1 - 22 AWG conductor cabled with fillers                                                          |                                                                                                              |
| <b>Jacket</b>                  | Black PVC, UV and fungus resistant, Flame retardant<br>Nom. wall: 0.020 in [0.51 mm]<br>Outside Diameter: 0.315 in [8 mm] Nom. |                                                                                                              | Black PVC, UV and fungus resistant, Flame retardant<br>Nom. wall: 0.020 in [0.51 mm]<br>Outside Diameter: 0.20 in [5.08 mm] Nom. |                                                                                                              |
| <b>Weight</b>                  | 130 lbs. per 1,000 ft. [194Kg per 1,000 m]                                                                                     |                                                                                                              | 55 lbs. per 1,000 ft. [82Kg per 1,000 m]                                                                                         |                                                                                                              |
| <b>Markings</b>                | Surface print: *PROPLEX PCLP2PT* ARCHITECTURAL NODE CABLE CL3 (UL) E177741 FT1                                                 |                                                                                                              | Surface print: *PROPLEX PCLP1PT* ARCHITECTURAL NODE CABLE CL3 (UL) E177741 FT1                                                   |                                                                                                              |
| <b>Temperature</b>             | 60° C [-20° C]                                                                                                                 |                                                                                                              | 60° C [-20° C]                                                                                                                   |                                                                                                              |
| <b>Operating Voltage</b>       | 300 V RMS Max. per NEC Article 725                                                                                             |                                                                                                              | 300 V RMS Max. per NEC Article 725                                                                                               |                                                                                                              |
| <b>Capacitance</b>             | 32 pF/ft. Nom. Between Conductors @ 1 KHz                                                                                      |                                                                                                              | 32 pF/ft. Nom. Between Conductors @ 1 KHz                                                                                        |                                                                                                              |
| <b>Impedance</b>               | 80 Ohms                                                                                                                        |                                                                                                              | 100 Ohms                                                                                                                         |                                                                                                              |
| <b>Inductance</b>              | 0.144 uH/ft. Nom.                                                                                                              |                                                                                                              | 0.216 uH/ft. Nom.                                                                                                                |                                                                                                              |
| <b>DC Resistance</b>           | 4.15 Ohms/1Mft Max. per 16ga Conductor @ 20° C                                                                                 |                                                                                                              | 4.15 Ohms/1Mft Max. per 16ga Conductor @ 20° C                                                                                   |                                                                                                              |
| <b>Velocity of Propagation</b> | 53%                                                                                                                            |                                                                                                              | 53%                                                                                                                              |                                                                                                              |
| <b>Bend Radius</b>             | 2.5 in [65 mm] Min.                                                                                                            |                                                                                                              | 1.5 in [38 mm] Min.                                                                                                              |                                                                                                              |
| <b>Pull Tension</b>            | 115 lbs. [52 Kg] Max.                                                                                                          |                                                                                                              | 45 lbs. [20 Kg] Max.                                                                                                             |                                                                                                              |
| <b>Testing</b>                 | UL Type CL3 in accordance with NEC article 725 for class 3 power limited circuits.                                             |                                                                                                              |                                                                                                                                  |                                                                                                              |