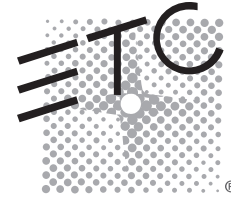




CABLES FOR



**GENERAL:**

**PCLP2PT- PROPLEX UNISON MULTIPURPOSE CABLE: 2-pair - for the distribution of Echelon link power and auxiliary power for remote devices such as interfaces and LCD panels. The integral drain wire is especially useful in installations with non-metallic conduit.**

**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.**

**PCLP2PTP - As above but meets UL Standard 13, NEC Article 725 for Plenum Applications.**

**PCLP1PT- PROPLEX UNISON LINK POWER CABLE: 1-pair - for the distribution of Echelon link power. The integral drain wire is especially useful in installations with non-metallic conduit.**

**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.**

**PCLP1PTP - As above but meets UL Standard 13, NEC Article 725 for Plenum Applications.**

**TESTING:**

- UL Type CL3 in accordance with NEC article 725 for class 3 power limited circuits.
- Plenum Cables - NFPA 262 Smoke and Flame Test.

	Standard Cables				Plenum Cables			
	PCLP2PT		PCLP1PT		PCLP2PTP		PCLP1PTP	
<b>CONDUCTORS</b>	16 AWG (1.5 mm <sup>2</sup> ) Conductors: Tinned, annealed copper, stranded [26/30]	14 AWG (2.5 mm <sup>2</sup> ) Conductor: Tinned, annealed copper, stranded [41/30]	16 AWG (1.5 mm <sup>2</sup> ) Conductors: Tinned, annealed copper, stranded [26/30]	22 AWG (0.34 mm <sup>2</sup> ) Conductor: Tinned, annealed copper stranded [7/30]	16 AWG (1.5 mm <sup>2</sup> ) Conductors: Tinned, annealed copper, stranded [26/30]	14 AWG (2.5 mm <sup>2</sup> ) Conductor: Tinned, annealed copper, stranded [19/0.0147]	16 AWG (1.5 mm <sup>2</sup> ) Conductors: Tinned, annealed copper, stranded [26/30]	22 AWG (0.34 mm <sup>2</sup> ) Conductor: Tinned, annealed copper stranded [7/30]
<b>INSULATION</b>	16 AWG Conductors: 300 volt PVC Black/White, Red/Blue Nom. Wall: 0.023" (0.58 mm) Nom. Dia.: 0.105" (2.7 mm)	14 AWG Conductor: 300 volt PVC Green Nom. Wall: 0.023" (0.58 mm) Nom. Dia.: 0.120" (3.05 mm)	16 AWG Conductors: 300 volt PVC Black/White Nom. Wall: 0.023" (0.58 mm) Nom. Dia.: 0.105" (2.7 mm)	22 AWG Conductor: 300 volt PVC Green Nom. Wall: 0.010" (0.25 mm) Nom. Dia.: 0.050" (1.27 mm)	16 AWG Conductors: 300 volt Plenum PVC Black/White, Red/Blue Nom. Wall: 0.008" (0.20 mm) Nom. Dia.: 0.074" (1.88 mm)	14 AWG Conductor: 300 volt Plenum PVC Green Nom. Wall: 0.008" (0.20 mm) Nom. Dia.: 0.086" (2.18 mm)	16 AWG Conductors: 300 volt Plenum PVC Black/White Nom. Wall: 0.008" (0.20 mm) Nom. Dia.: 0.074" (1.9 mm)	22 AWG Conductor: 300 volt Plenum PVC Green Nom. Wall: 0.006" (0.15 mm) Nom. Dia.: 0.042" (1.07 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		2 pairs - 16 AWG conductors and 1 - 14 AWG conductor cabled with no fillers		1 pair - 16 AWG conductors and 1 - 22 AWG conductor cabled with no fillers	
<b>JACKET</b>	Black PVC UV and fungus resistant Nom. wall: 0.040" (1.02 mm)		Black PVC UV and fungus resistant Nom. wall: 0.032" (0.81 mm)		White Plenum PVC Nom. wall: 0.021" (0.53 mm)		White Plenum PVC Nom. wall: 0.021" (0.53 mm)	
<b>PHYSICAL</b>	Outside Diameter: 0.490" (12.5 mm) Nom. Weight: 130 lbs. per 1,000 ft. (194Kg per 1,000 m)		Outside Diameter: 0.275" (7 mm) Nom. Weight: 55 lbs. per 1,000 ft. (82Kg per 1,000 m)		Outside Diameter: 0.309" (7.85 mm) Nom. Weight: 66 lbs. per 1,000 ft. (98Kg per 1,000 m) approx.		Outside Diameter: 0.235" (6 mm) Nom. Weight: 30 lbs. per 1,000 ft. (45Kg per 1,000 m) approx.	
<b>MARKINGS</b>	Indent Print: *PROPLEX PCLP2PT* UNISON MULTIPURPOSE CABLE CL3 (UL) E177741 FT1		Indent Print: *PROPLEX PCLP1PT* UNISON LINK POWER CABLE CL3 (UL) E177741 FT1		Surface Print: *PROPLEX PCLP2PTP* UNISON MULTIPURPOSE CABLE 16/2PR & 14/1 (ETL) US TYPE CL3P		Surface Print: *PROPLEX PCLP1PTP* UNISON LINK POWER CABLE 16/2 & 22/1 (ETL) US TYPE CL3P	
<b>TEMPERATURE</b>	60° C (-20° C)		60° C (-20° C)		60° C (-20° C)		60° C (-20° C)	
<b>BEND RADIUS</b>	2.5" (65 mm) Minimum		1.5" (38 mm) Minimum		—		—	
<b>PULL TENSION</b>	115 lbs. (52 Kg) Maximum		45 lbs. (20 Kg) Maximum		—		—	

LITPPXUNISON-061710



**LOS ANGELES**

10643 Glenoaks Blvd.  
Pacoima, CA 91331  
USA

Tel: +1 818.899.8818  
Fax: +1 818.899.8813

**LONDON**

21 Armstrong Way  
Southall  
UB2 4SD England

Tel: +44 (0)20.8574.9700  
Fax: +44 (0)20.8574.9701

**NEW YORK**

100 Asia Place  
Carlstadt, NJ 07072  
USA

Tel: +1 201.896.8600  
Fax: +1 201.896.8601

**BEIJING**

No. 309, Building 6  
Sanlitun Nanlu  
Chaoyang District  
Beijing, China 100027

Tel: +86 10.8492.1587  
Fax: +86 10.8492.7635

**TORONTO**

409 Saddler St. West  
Box 654, Durham  
Ontario N0G-1R0

Tel: +1 519.369.9990  
Fax: +1 519.369.9992