



**Rugged, flexible combination data and low voltage power cable.**

### Specifications

Part Number	PCCCT	
Conductors	Data pair: 22 AWG [0.34 mm <sup>2</sup> ] Tinned, annealed copper stranded 19 x 34	Power: 14 AWG [2.5 mm <sup>2</sup> ] Tinned, annealed copper stranded 41 x 30
Insulation	80° C, 300 Volt PVC	
	Data pair: Nom. wall: 0.012" [0.30 mm] Min. wall: 0.008" [0.20 mm]	Power: Nom. wall: 0.012" [0.30 mm] Min. wall: 0.009 [0.23 mm]
Color Code	Data pair: Red/Green	Power: Black/White
Assembly	Power singles cabled around shielded data pair w/drain wire	
Shield	Aluminum / mylar around 22 AWG pair and drain wire, aluminum in, 100% coverage	
Drain	22 AWG [0.34 mm <sup>2</sup> ] Tinned, annealed copper stranded 19 x 34	
Jacket	Black PVC Nom. wall: 0.040" [1 mm] Elongation: 300% Tensile strength: 2,000 psi UV and fungus resistant	
Legend	PROPLEX *PCCCT* POWERDATA LOW VOLTAGE CABLE 14 AWG 2/C + 22 AWG 1 PAIR CL2 (UL) E177741 FT1, UV RESISTANT INSTALLATION CABLE	
Physical	Outside diameter: 0.290" [7.37 mm] nom. Weight: 73 lbs. per 1,000 ft. [104 Kg/Km]	
Bending Radius	49 mm [5x OD] min.	
Temperature	Plus 90° C, minus 20° C	
Conductivity	Data pair: 15.5 Ohms (max.) per 1,000 ft @ 20° C	Power: 2.75 Ohms per 1,000 ft @ 20° C nom.
Characteristic Impedance	Data pair: 60 Ohms	
Capacitance	Data pair: 25pf nom. cond.-to-cond, 44pf nom. cond.-to-shield	

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