



Rugged, flexible combination data and low voltage power cable.

Specifications		
Part Number		PCCCT
Conductors	Data pair	0.34 mm ² [22 AWG] Tinned, annealed copper stranded 19 x 34
	Power singles	2.5 mm ² [14 AWG] Tinned, annealed copper stranded 41 x 30
Insulation	Material	80° C, 300 Volt PVC
	Data pair	Nom. wall: 0.30 mm [0.012"]
		Min. wall: 0.20 mm [0.008"]
	Power singles	Nom. wall: 0.30 mm [0.012"]
Min. wall: 0.23 mm [0.009"]		
Colour Code	Data pair	Red/Green
	Power singles	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		0.34 mm ² [22 AWG] Tinned, annealed copper stranded 19 x 34
Jacket	Material	Black PVC
	Nom. wall	1 mm [0.040"]
	Elongation	300%
	Tensile strength	2,000 psi
	Ratings	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	7.37 mm [0.290"] nom.
	Weight	104 Kg/Km [73 lbs. per 1,000 ft.]
	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 singles	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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