



Rugged, flexible combination data and low voltage power cable.

| Specifications | | |
|--------------------------|--|---|
| Part Number | PCCCT | |
| Conductors | Data pair: 22 AWG [0.34 mm ²] Tinned, annealed copper stranded 19 x 34 | Power: 14 AWG [2.5 mm ²] 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] |
| Colour Code | Data pair: Red/Green | Power: Black/White |
| Assembly | Power singles cabled around shielded data pair w/drain wire | |
| Shield | Aluminium / mylar around 22 AWG pair and drain wire, aluminium in, 100% coverage | |
| Drain | 22 AWG [0.34 mm ²] 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 | |

RoHS
Compliant



Worldwide Exclusive Distribution

Los Angeles
+1 818.899.8818

London
+44 (0)20.8574.9700

New York
+1 201.896.8600

tmb
www.tmb.com

Toronto
+1 519.538.0888

Beijing
+86 10.8492.1587

Riga
+371 6389 8886