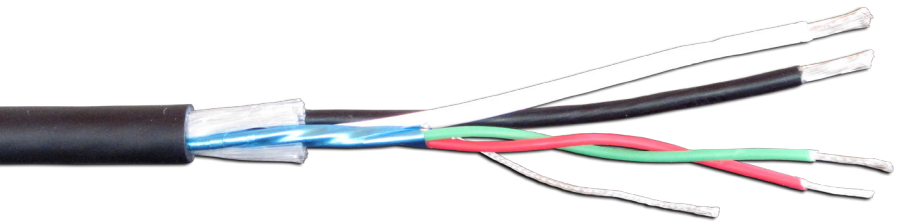
ProPlex®

# POWERDATA LV 2+2 CABLE
PCCCT



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

| Specifications | | |
|---|---|---|
| Part Number | | PCCCT |
| Conductors | Data pair | 0.34 mm² [22 AWG] Tinned, annealed copper stranded 19 x 34 |
| | Power singles | 2.5 mm² [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 mm² [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.] . Ordered per reel at a length of 1000 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 |

Note: Purchase quantities are in 1000′ reels

RoHS Compliant

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