



GET THE OUT!



- Ultra-flexible Cable** — Ensures smooth installation with no kinks
- Easy-release Clip** — Unique snagless retainer clip for fast and easy release
- Low Profile Connector** — Easily fits into high density panels and switches

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ProFIT Patch™
Premium Copper Panels



- Modular Design**
- Flush Mounted**
- Port Labeling**
- Non-Proprietary Jacks**

ProFIT™ Ultra Cat. 6 Specifications

Industry Standard

- ISO/IEC 11801
- ETL Verified to TIA/EIA-568-B.2-1
- UL/cUL Listed, RoHS compliant

Construction

- **Conductor Construction**
Bare Stranded Copper (≥100ft)
Bare Solid Copper (≥100ft)
- **Conductor Size**
24 AWG x 4 Pair
- **Insulation**
PE
- **Separator**
PE Cross (>15ft)
None (<15ft)
- **Jacket**
70P PVC
- **Outer Diameter**
6.0 ± 0.2mm
- **Connectors**
RJ45 Male 50 micron gold-plated

Performance

- **Dielectrical Strength**
AC-500V/1 min no breakdown
- **DC Resistance Unbalance**
5% max
- **Pair to Ground Capacitance Unbalance**
330pF/100m
- **Input Impedance**
4-100MHz 100 ± 15ohm
- **Mean Characteristic Impedance**
100 ± 22ohm @ 100-250MHz
- **Nominal Velocity of Propagation (NVP)**
68 ± 2%
- **Propagation Delay**
≥537.0ns/100m @ 100MHz
- **Propagation Delay Skew**
≥45ns/100m max
- **Conductor Resistance**
<93.80/km/20°C max
- **Working Temperature**
-20°C~75°C
- **Rating**
75°C, 300V

ProFIT™ Ultra Cat. 6a Specifications

Industry Standard

- ANSI/TIA-568-C.2 Category 6a
- ISO 11801 Class E Edition 2.1
- RoHS compliant

Construction

- **Conductor Construction**
Stranded Tinned Copper
- **Conductor Size**
26 AWG
- **Insulation**
Polyolefin, .009" Nom. wall thickness
- **Pairs**
Color coded singles twisted into pairs
- **Cable**
(4) Twisted pairs
- **Shield**
Aluminum polyester foil (100% coverage), includes 26 AWG drain wire in contact with outer surface
- **Outer Diameter**
7.4 ± 0.2mm
- **Connectors**
RJ45 Male 50 micron gold-plated
- **Jacket**
PVC

Performance

- **Mutual Capacitance**
13.5 PF/Ft. at 1MHz
- **Dielectric Withstanding, min.**
1500V RMS
- **Max Voltage Rating**
300V
- **DC Resistance, nom.**
14.0 ohms (Ω)
- **Velocity of Propagation**
68%
- **Impedance**
100 ± 15 Ω @ 1-100 MHz
100 ± 20 Ω @ 1-500 MHz
- **Return Loss**
1 ~ 10 MHz 20 ± 5 LOG (F) dB Min
10 ~ 20 MHz 25 dB min
20 ~ 500 MHz 25-8.6 LOG (F/20) dB Min
- **Delay Skew**
-1 ~ 500 MHz <45ns Max
- **Working Temperature**
-20°C to +75°C
- **100% Performance Test**
Fluke tested for wire map, NEXT, ACR-F, ACR-N, Attenuation, Insertion loss, and Return loss

Feature

COLOR POWER CABLES



- Vibrant Colors to Identify Critical Devices
- Also Available in Black
- Wide Variety of Lengths Available
- RoHS Compliant
- Lifetime Warranty

P=LOCK LOCKING POWER CABLES



- Male Connector Locks Securely Into Locking PDU
- UL Listed
- Ships Coiled, Never Kinked
- Lifetime Warranty



- Label on Both Sides of Cable with Length
- Custom Labels Available
- Ships Coiled for Easy Installation



ORDERING INFORMATION

PRO - U - F

1
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5

1 CATEGORY

- 6 = CAT6
- A = CAT6a (Quabbin Standard)
- Q = Quabbin CAT6

3 JACKET COLOR

- Blue = BL
- Black = BK
- Gray = GY
- Green = GN
- Orange = OR
- Pink = PK
- Red = RD
- White = WH
- Yellow = YE
- Purple = PR

4 LENGTH

- 3-Digit Length
- Examples:
001, 0.50, 01.5

2 LABEL

- Blank = No Label
- L = Label

5 UNIT OF MEASURE

- Feet = F