

## Cat 6A Shielded Solid Patch Cords

### EuroClass B2ca, Cca, and Eca

#### APPLICATION

Leviton Category 6A Shielded Solid Patch Cords give the optimum performance when used as part of the Leviton Cat 6A cabling system. The low-profile boot design makes the solid patch cords an excellent choice for higher density blade connectivity. Leviton's Cat 6A cabling system is comprised of high-performance cables and connectivity for higher speed network applications such as 10GBASE-T. The Cat 6A system is classified as an Augmented Category 6 and Class E<sub>A</sub> product set that is fully backward compatible with Cat 6 (Class E) and Cat 5e (Class D) products.



#### FEATURES

- Shielded U/FTP cable type
- CPR rated cable – B2ca, Cca, and Eca available
- Low profile boots for higher density blade connectivity
- Flexible and robust construction
- Smaller and lighter cable construction than equivalent conventional patch cords with solid conductors
- Performance assessed through rigorous quality control in compliance with the demands of industry standards
- Designed for repeatable, controlled, and consistent assembly to ensure optimum performance
- Backwards compatible with Cat 6 and Cat 5e.
- Designed to be interoperable with AC6 compliant products
- Available in a variety of lengths

#### STANDARDS & REGULATIONS

- ISO/IEC 11801-1 (Cat 6A)
- EN 50173-1 (Cat 6A)
- IEC 60332-1-2
- EN 50267-2-3 (Acid Gas Emissions)
- EN 50399 (Smoke Production)
- IEEE 802.3bt PoE Type 1, 2, 3, 4 (90 watts max)
- Cisco UPOE, UPOE+ (90 watts max)
- Power over HDBaseT™ PoH (95 watts max)
- Maximum cable bundle for 90W and above is 17 cords per ISO/IEC TS 29125

#### MECHANICAL SPECIFICATIONS

Dimensions:	Solid 5.6 mm diameter
Length Tolerance (bracketed length):	+/- 1%
Materials:	PC UL 94 V-0 rated plastics throughout body Plated Phosphor Bronze Screen Polycarbonate Cable Boot
Voltage Rating:	300V

#### ENVIRONMENTAL CONDITIONS

Temperature (Storage):	-20 °C to +70 °C
Temperature (Installation):	0 °C to +50 °C
Temperature (Operating):	0 °C to +50 °C
Humidity (Maximum):	93% relative humidity, non-condensing

#### WARRANTY INFORMATION

For Leviton product warranties, go to [leviton.com/warranty](http://leviton.com/warranty)

AC6PCGxxx-x88HBSx

**PRODUCT SPECIFICATIONS**  
**AC6PCGxxx-x88HBSx**

**ORDER INFO**

Part Number	Item Description	Color	Weight per Item (nom)	Qty per Pack
AC6PCG500-988HBSB	Cat 6A U/FTP Solid Patch Cord, 50m, 26 AWG, B2ca	Orange	1.63 kg	1
AC6PCG300-588HBS C	Cat 6A U/FTP Solid Patch Cord, 30m, 26 AWG, Cca	Green	0.98 kg	1
AC6PCG100-788HBSE	Cat 6A U/FTP Solid Patch Cord, 10m, 26 AWG, Eca	Violet	0.33 kg	1

Note: B, C, E = CPR level; B = B2ca (Orange as standard), C = Cca (Green as standard), E = Eca (Violet as standard).  
Boots are only available in Slate Gray.

**AC6PCGxxx-y88HBSz**      **CAT 6A SHIELDED SOLID PATCH CORD PART NUMBER CONFIGURATOR**

AC6	PCG (Cord Type)	xxx (Length, Standard)	y88 (Cable Colors)	HBS (Specialty Tag)	z (CPR Rating)
<ul style="list-style-type: none"> <li>AC6 = Cat 6A Generic</li> </ul>	<ul style="list-style-type: none"> <li>PCG</li> </ul>	<ul style="list-style-type: none"> <li>100 = 10 m</li> <li>200 = 20 m</li> <li>Other lengths available upon request</li> </ul>	<ul style="list-style-type: none"> <li>y = Cable</li> <li>9 = Orange (B2ca)</li> <li>5 = Green (Cca)</li> <li>7 = Violet (Eca)</li> </ul> <p>2nd No. = Boot 1 3rd No. = Boot 2 (Note boot color always 8)</p>	<ul style="list-style-type: none"> <li>HBS = Solid</li> </ul>	<ul style="list-style-type: none"> <li>B = B2ca</li> <li>C = Cca</li> <li>E = Eca</li> </ul>

Note: Lengths from 10 - 50 meters are ISO component rated; all other lengths are channel rated.



For further support information, visit [leviton.com/ns/support](http://leviton.com/ns/support)