

## Optowire Ethernet Patch Cable

### OptoWire UTP CAT6A BC PATCH CABLE

**Cable type**

OptoWire UTP CAT6A BC PATCH CABLE

**Reference standard**

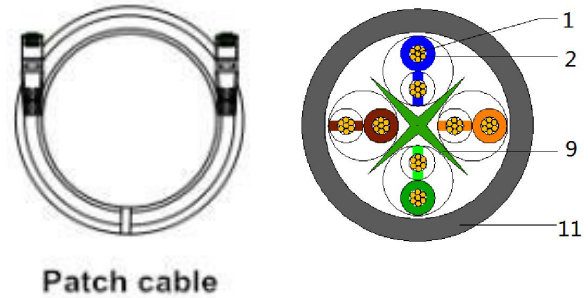
Reference standard: ANSI/TIA 568C.2 & ISO/IEC 11801 ED2.2

**Application**

For network cabling systems, including 10/100/1000/10G Base-T, performance to meet the standard requirements

**Rated voltage**

30V



Construction		
1. Conductor (mm)	Stranded bare copper 7/0.2	
2. Insulation (mm)	HDPE 1.02±0.08	
3. Color Code	White-Blue(Stripe)/Blue White-Orange(Stripe )/Orange White-Green(Stripe)/Green White-Brown(Stripe)/Brown	
4. Stranding construction	1*4	
5. Wrapping (mm)	---	
6. Screen (mm)	---	
7. Drain wire (mm)	---	
8. Braid	---	
9. Filler	Yes	
10. Rip cord	---	
11. Jacket (mm)	Material	LSZH
	Norn. thickness	0.50±0.05
	Color	Multiple
	Norn.diameter	6.0±0.5
12. RJ 45 connector	The client's logo needs to be printed	



<b>Mechanical characteristics</b>	
<b>Operating temperature</b>	-20~75°C
<b>Installation temperature</b>	0~75°C
<b>Tensile strength.Max</b>	100N
<b>Bending radius</b>	50mm
<b>Flame resistant</b>	---
<b>Length of Delivery</b>	According to customer

<b>Electrical characteristics(20°C)</b>	
<b>Conductor resistance .Max</b>	11.5Ω/100m
<b>Conductor resistance unbalance .Max</b>	5%
<b>Insulation resistance (DC 500V/1 min) .Min</b>	5000MΩ·km
<b>Dielectric strength (C-C, .DC.1min)</b>	1kV
<b>Mutual capacitance .Max</b>	5.6nF/100m

\*Pass Fluke Patch Cord test (≤10m) .