

# Copper Structured Cabling Solutions

## Category 6 Patch Cord

### Slim Cat6 UTP Patch Cord

Global **SIX**



#### Specifications

Cable Construction » Cat6 UTP

Conductor » 8 Copper wires 28 AWG

Insulation » High Density Polyethylene

Twisted 4 Pair » White/Blue - White/Orange - White/Green  
White/Brown

Contact » 50µ Gold Plated Over 120µ Nickel Plated

Molded Boot Material » Fire Retardant PVC Compounds

Fire Resistant » CM

Cable Diameter » 3.9mm±0.2mm

#### 100% Component Tested < 5m

#### 100% Channel Tested ≥ 5m

- 100% Performance tested for wire map, return loss and NEXT.
- Confident that each patch cord delivers specified performance

#### Applications

- Compact patching in server racks
- Cat6 UTP Copper Patch Cord is a component of the GlobalSIX Structured Cabling System. This end-to-end system which is interoperable and backwards-compatible is designed with flexibility to protect network investments well into the future.
- ISO 11801 Class E, ANSI/TIA-568-C.2 Cat6 Standards is ideal for today's high performance equipment and workstations
- Ethernet 10BASE-T, 100BASE-T(Fast Ethernet), 1000BASE-T (Gigabit Ethernet), 10GBASE-T (10 Gigabit Ethernet over limited distance as specified in the industry standards of 10GBASE-T)
- 155Mb/s ATM, 622Mb/s ATM, 1.2Gb/s ATM
- Digital Video & Broadband/Baseband Analogue Video
- Voice over Internet Protocol

#### Mechanical

- Total Contact Force » 800 Grams
- Contact Resistance » 20Ω Max
- Retention » 50N
- Insertion/Extraction » 1200 Cycles

#### Electrical Characteristics

- Insulation Resistance » 500MΩ min @ 100V d.c
- Dielectric Voltage » 1000V d.c
- Contact Resistance » 20MΩ Max

#### Part Number

G6PCSL-C6U-XM-YY\*

Slim Line Patch Cord Cat6 UTP

X - Length: 0.5m, 1m, 2m, 3m, 5m, 10m

YY - Colour: BK, BL, GN, GY, OR, RD, YL

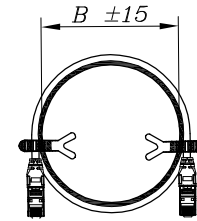
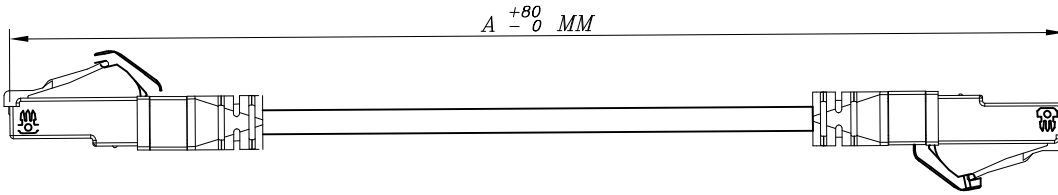
\* - Sheath: 1=PVC, 2=LSZH

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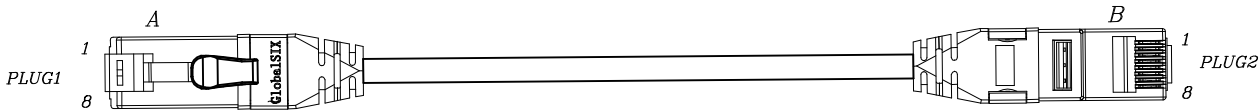
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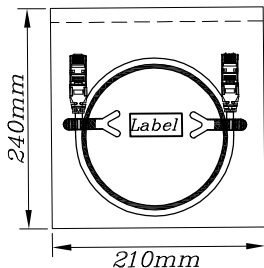
**Global SIX**



CUT LINE AND ARRANGE CRITERION				CUT LINE AND ARRANGE CRITERION			
No.	Total length (MM)	OD of packing roll (MM)	Cable tie (MM)	No.	Total length (MM)	OD of packing roll (MM)	Cable tie (MM)
1	300	/	/	19	13000		175
2	500	/	/	20	14000		180
3	1000	175	60	21	15000		205
4	1500		70	22	16000		210
5	2000	155	75	23	17000		215
6	2500		80	24	18000		220
7	3000		95	25	19000		225
8	3500		100	26	20000		235
9	4000		110	27	25000	120	265
10	5000		120	28	30000		315
11	6000	135	130	29	40000		365
12	7000		135	30	50000		415
13	7500		140	31	60000		465
14	8000		145	32	70000		515
15	9000	120	150	33	80000	565	
16	10000		165	34	90000	615	
17	11000		170	35	100000	665	
18	12000		175	36			



WIRE CONNECTION TABLE							
white/orange	orange	white/green	blue	white/blue	green	white/brown	brown
A1	A2	A3	A4	A5	A6	A7	A8
B1	B2	B3	B4	B5	B6	B7	B8



Packing: 1PC/PE Bag With Label

**Part Number**  
**G6PCSL-C6U-XM-YY-\***      **Slim Line Patch Cord Cat6 UTP**

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