



## Copper Structured Cabling

## Cat 6a Patch Cord – S/FTP – Flat

### Product Description

Briticom® category 6A shielded foiled S/FTP flat patch cords are designed and manufactured to meet and exceed the ISO, CENELEC and TIA standards, including ANSI/TIA-568-C.2:2009 and ANSI/TIA-568.0-D:2017.

This delivers Class FA link and channel performance supporting all applications detailed and proposed within the standards. This superior performance cable is ETL component verified.

### Features & Benefits

- 500 MHz with over 10Gbps
- 25-year warranty
- ANSI/TIA-568-C.2:2009
- ANSI/TIA-568.0-D:2017
- Shielded/Foiled
- LSZH or PVC jacket
- Available in different colours & lengths
- Durable for 750 insertion cycles

### Applications

- Data centres
- Telecommunication networks
- LAN applications
- CATV - Cable television
- CCTV

### Technical Specifications

|                           |                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------|
| Conductor Type            | 32AWG (7/0.08), Stranded Bare Copper                                                  |
| Insulation                | HDPE                                                                                  |
| Connector Type            | Unshielded 8P8C (RJ45)                                                                |
| Jacket                    | PVC/LSZH                                                                              |
| Minimum Average Thickness | 2.20mm                                                                                |
| Conductor DC Resistance   | 9.38Ω/100m (maximum)                                                                  |
| Impedance                 | 100Ω                                                                                  |
| Capacitance               | 5600pf/100m                                                                           |
| Propagation Delay         | 545ns/100m (maximum)                                                                  |
| Delay Skew                | 45ns/100m (maximum)                                                                   |
| Temperature Rating        | -20°C to +60°C                                                                        |
| Typical Applications      | IEEE 802.3: 10BASE-T; 100BASE-T; 1000BASE-T                                           |
| Norms                     | ISO/IEC 11801-1; EN-50173; ANSI/TIA-568-C.2:2009, ANSI/TIA-568.0-D:2017; EN 60603-7-5 |

### To Order

Ordering information on page 2.





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### Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

| Construction |            | Colour     |           | Material     |                   | Standard  |             |
|--------------|------------|------------|-----------|--------------|-------------------|-----------|-------------|
| UUTP         | U/UTP      | BLK        | Black     | HD           | HDPE              | -E        | Extra Range |
| FUTP         | F/UTP      | GRY        | Grey      | PV           | PVC               | -P        | Platinum    |
| SFUTP        | SF/UTP     | WHT        | White     | LS           | LSZH              |           |             |
| SFTP         | S/FTP      | ORN        | Orange    | LD           | LDPE              |           |             |
| FFTP         | F/FTP      | GRN        | Green     | DJ           | Double Jacket PE/ |           |             |
| UFTP         | U/FTP      | BLU        | Blue      | PE           | PVC               |           |             |
|              |            | RED        | Red       |              | Polyethylene      |           |             |
|              |            | PRL        | Purple    |              |                   |           |             |
| ▲            |            | ▲          |           | ▲            |                   | ▲         |             |
| <b>SFTP</b>  | <b>C6A</b> | <b>BLU</b> | <b>3</b>  | <b>PV</b>    | <b>F</b>          | <b>-P</b> |             |
| ▼            |            | ▼          |           | ▼            |                   | ▼         |             |
| Cat 5E       | <b>C5E</b> | 0.25m      | <b>.2</b> | Flat         | <b>F</b>          | Outdoor   | <b>OD</b>   |
| Cat 6        | <b>C6</b>  | 3m         | <b>3</b>  | Angled Boot  | <b>A</b>          |           |             |
| Cat 6A       | <b>C6A</b> | 5m         | <b>5</b>  | Locked       | <b>L</b>          |           |             |
| Cat 7        | <b>C7</b>  | 10m        | <b>10</b> | Light        | <b>D</b>          |           |             |
| Cat 8        | <b>C8</b>  |            |           | Micro size   | <b>M</b>          |           |             |
|              |            |            |           | Rodent Proof | <b>R</b>          |           |             |
|              |            |            |           | Self-Tracing | <b>S</b>          |           |             |
|              |            |            |           | Tangle-Free  | <b>T</b>          |           |             |
|              |            |            |           | Ultra-Flat   | <b>U</b>          |           |             |
| Category     |            | Length     |           | Additional*  |                   | Outdoor** |             |

\*Leave blank if no extra detail. \*\*Leave blank if indoor.

| Example Part Number                                        |                  |
|------------------------------------------------------------|------------------|
| Description                                                | Part Number      |
| S/FTP Cat 6A Copper Patch Cord Blue 3m Flat PVC – Platinum | SFTPC6ABLU3PVF-P |

### To Order

To place an order, use the contact details below.