

## Screened Category 6<sub>A</sub> Copper LSZH Patch Cords

Category 6<sub>A</sub> Screened patch cords exceed the transmission line performance requirements of IEC and TIA for class EA/category 6<sub>A</sub> systems. The products are designed for mechanical and electrical reliability using quality materials and processes to produce a patch cord solution which delivers a consistent high level of systems performance whilst incorporating design features that allow a “one style fits all” cord application. The low profile moulded boot and snag free latching allows the patch cords to be deployed within even the most densely populated network installations utilising the latest blade server technology.

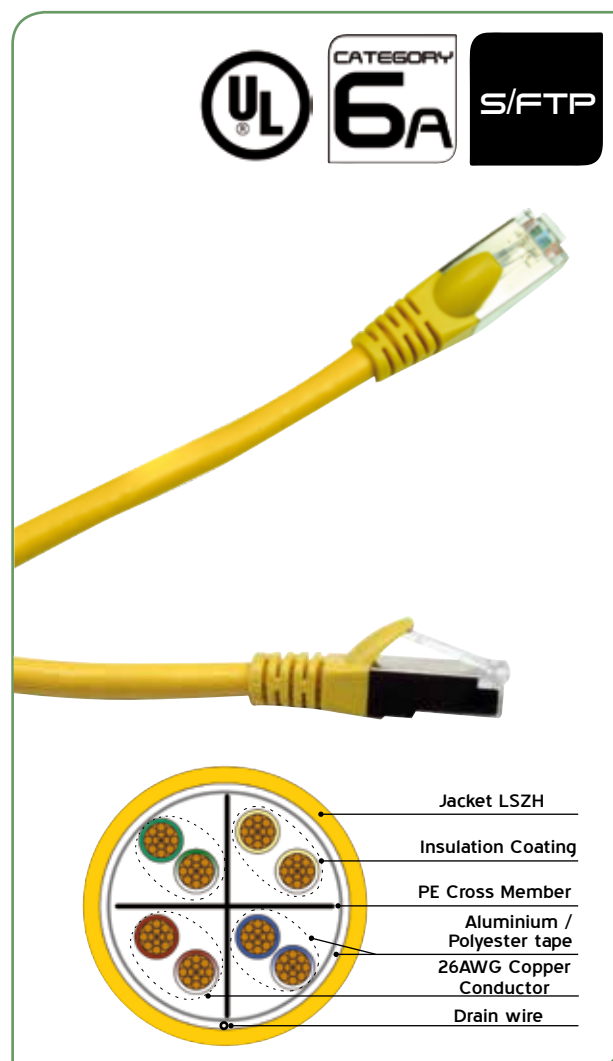
Each category 6<sub>A</sub> patch cord is manufactured and tested in accordance with IEC 61935-2 and comply with the requirements of ISO/IEC 11801 (2<sup>nd</sup> Edition): 2010 and TIA 568C and support all applications designed for class EA/category 6<sub>A</sub> applications such as ATM 1200, 1000BASE-T (Gigabit Ethernet) and 1G FCBASE-T.

### Features/Benefits

- > Electrically compliant beyond 250MHz
- > Low Smoke Zero Halogen / PVC sheathed cable
- > Low profile moulded strain relief boot for use with blade servers
- > PimF style cable (Individual foil screened pairs with overall foil screen)
- > Screened category 6<sub>A</sub> RJ45 plug
- > Integral anti-snag latch as standard
- > 8 standard colours
- > 7 standard lengths (1m, 2m, 3m, 5m, 10m, 15m, & 20m)
- > Other lengths and colours available upon request\*
- > Individually bagged with traceability information
- > Part of the 25 year systems warranty programme

### Technical Specification

| CONSTRUCTION |                | VALUE               |
|--------------|----------------|---------------------|
| Conductors   | AWG            | 26                  |
|              | Size (mm)      | 7/0.20 +/- 0.008    |
|              | Material       | Bare Copper         |
| Insulators   | Diameter (mm)  | 0.97+/-0.05         |
|              | Material       | Polyolefin          |
| Jacket       | External O.D.  | 6.0 +/- 0.20        |
|              | Thickness (mm) | 0.5                 |
|              | Material       | PVC or LSZH         |
| Tape         | Material       | Aluminium/Polyester |
|              | Coverage (%)   | 125                 |



### Ordering Information

| GREY | PART NUMBER | METRE | BLUE | PART NUMBER | METRE | BLACK | PART NUMBER | METRE |
|------|-------------|-------|------|-------------|-------|-------|-------------|-------|
|      | 778-5121    | 1     |      | 778-5143    | 1     |       | 778-5165    | 1     |
|      | 778-5127    | 1.5   |      | 778-5149    | 1.5   |       | 778-5161    | 1.5   |
|      | 778-5130    | 2     |      | 778-5152    | 2     |       | 778-5171    | 2     |
|      | 778-5133    | 3     |      | 778-5155    | 3     |       | 778-5174    | 3     |
|      | 778-5137    | 5     |      | 778-5159    | 5     |       | 778-5177    | 5     |
|      | 778-5146    | 10    |      | 778-5168    | 10    |       | 778-5180    | 10    |