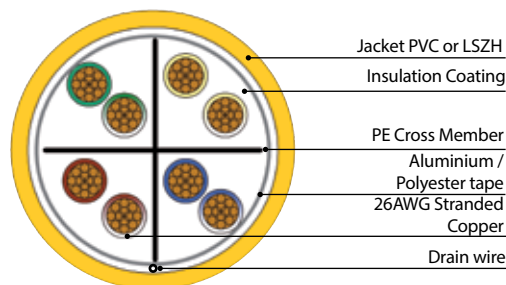
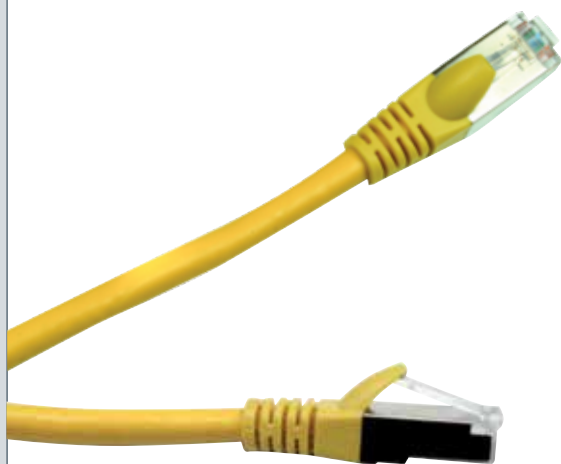


## F/UTP Category 6 Patch Cords



OptronicsPlus category 6 Screened patch cord exceeds the transmission line performance requirements of IEC and TIA for class E/category 6 systems. The products are designed for mechanical and electrical reliability using quality materials and processes to deliver a patch cord solution which provides 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 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 E/category 6 applications such as ATM 1200, 1000BASE-T (Gigabit Ethernet) and 1G FCBASE-T.

## Features

- > Electrically compliant beyond 250MHz
- > Low Smoke Zero Halogen / PVC sheathed cable
- > Low profile moulded strain relief boot for use with blade servers
- > Aluminised polyester tape screen and drain wire
- > Screened 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 Optronics systems warranty programme

\* Subject to MOQ

## Applications

- > Class E/category 6 standards compliant

## Conformance

- > REACH / SvHC compliant regulation (EC) No. 1907/2006

## Technical Specifications

| CONSTRUCTION |                | VALUE               |
|--------------|----------------|---------------------|
| Conductors   | AWG            | 26                  |
|              | Size (mm)      | 0.915 +/- 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/LSZH            |
| Tape         | Material       | Aluminium/Polyester |
|              | Coverage (%)   | 125                 |

## F/UTP Category 6 Patch Cords

## PVC

|      | PART NUMBER | METRE |
|------|-------------|-------|
| GREY | 630-101     | 1     |
|      | 630-102     | 2     |
|      | 630-103     | 3     |
|      | 630-105     | 5     |
|      | 630-110     | 10    |
|      | 630-115     | 15    |
| RED  | 630-120     | 20    |
|      | 630-201     | 1     |
|      | 630-202     | 2     |
|      | 630-203     | 3     |
|      | 630-205     | 5     |
|      | 630-210     | 10    |
| BLUE | 630-215     | 15    |
|      | 630-220     | 20    |
|      | 630-301     | 1     |
|      | 630-302     | 2     |
|      | 630-303     | 3     |
|      | 630-305     | 5     |
|      | 630-310     | 10    |
|      | 630-315     | 15    |
|      | 630-320     | 20    |

|        | PART NUMBER | METRE |
|--------|-------------|-------|
| YELLOW | 630-401     | 1     |
|        | 630-402     | 2     |
|        | 630-403     | 3     |
|        | 630-405     | 5     |
|        | 630-410     | 10    |
|        | 630-415     | 15    |
| GREEN  | 630-520     | 20    |
|        | 630-501     | 1     |
|        | 630-502     | 2     |
|        | 630-503     | 3     |
|        | 630-505     | 5     |
|        | 630-630     | 10    |
| WHITE* | 630-515     | 15    |
|        | 630-520     | 20    |
|        | 630-601     | 1     |
|        | 630-602     | 2     |
|        | 630-603     | 3     |
|        | 630-605     | 5     |
|        | 630-630     | 10    |
|        | 630-615     | 15    |
|        | 630-620     | 20    |

|         | PART NUMBER | METRE |
|---------|-------------|-------|
| BLACK*  | 630-701     | 1     |
|         | 630-702     | 2     |
|         | 630-703     | 3     |
|         | 630-705     | 5     |
|         | 630-710     | 10    |
|         | 630-715     | 15    |
| ORANGE* | 630-720     | 20    |
|         | 630-701     | 1     |
|         | 630-702     | 2     |
|         | 630-703     | 3     |
|         | 630-705     | 5     |
|         | 630-710     | 10    |
|         | 630-715     | 15    |
|         | 630-720     | 20    |

\*White, Orange and Black may be subject to minimum order quantities

## LSZH

|      | PART NUMBER | METRE |
|------|-------------|-------|
| GREY | 640-101     | 1     |
|      | 640-102     | 2     |
|      | 640-103     | 3     |
|      | 640-105     | 5     |
|      | 640-110     | 10    |
|      | 640-115     | 15    |
| RED  | 640-120     | 20    |
|      | 640-201     | 1     |
|      | 640-202     | 2     |
|      | 640-203     | 3     |
|      | 640-205     | 5     |
|      | 640-210     | 10    |
| BLUE | 640-215     | 15    |
|      | 640-220     | 20    |
|      | 640-301     | 1     |
|      | 640-302     | 2     |
|      | 640-303     | 3     |
|      | 640-305     | 5     |
|      | 640-310     | 10    |
|      | 640-315     | 15    |
|      | 640-320     | 20    |

|        | PART NUMBER | METRE |
|--------|-------------|-------|
| YELLOW | 640-401     | 1     |
|        | 640-402     | 2     |
|        | 640-403     | 3     |
|        | 640-405     | 5     |
|        | 640-410     | 10    |
|        | 640-415     | 15    |
| GREEN  | 640-420     | 20    |
|        | 640-501     | 1     |
|        | 640-502     | 2     |
|        | 640-503     | 3     |
|        | 640-505     | 5     |
|        | 640-510     | 10    |
| WHITE* | 640-515     | 15    |
|        | 640-640     | 20    |
|        | 640-601     | 1     |
|        | 640-602     | 2     |
|        | 640-603     | 3     |
|        | 640-605     | 5     |
|        | 640-610     | 10    |
|        | 640-615     | 15    |
|        | 640-640     | 20    |

|         | PART NUMBER | METRE |
|---------|-------------|-------|
| BLACK*  | 640-701     | 1     |
|         | 640-702     | 2     |
|         | 640-703     | 3     |
|         | 640-705     | 5     |
|         | 640-710     | 10    |
|         | 640-715     | 15    |
| ORANGE* | 640-720     | 20    |
|         | 640-801     | 1     |
|         | 640-802     | 2     |
|         | 640-803     | 3     |
|         | 640-805     | 5     |
|         | 640-810     | 10    |
|         | 640-815     | 15    |
|         | 640-820     | 20    |

\*White, Orange and Black may be subject to minimum order quantities