



## Category 6 F/UTP - Foiled Unshielded Twisted Pair LSZH Patch Cords

Category 6 Foiled Unshielded Twisted Pair (F/UTP) patch cords are manufactured with high quality F/UTP cable. They are 100% factory tested and fully comply with the requirements of ISO/IEC 11801 and TIA/EIA 568. OptronicsPlus Cat6 F/UTP patch cords exceed Cat6/Class E performance requirements and support 10BASE-T, 100BASE-TX and 1000Base-T applications. They are available with flame retardant LSZH outer jacket.

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### Features

- 26 AWG stranded cable
  - High grade 50µ gold plated RJ45 connector
  - Exceed Cat6 performance requirements
  - ISO/IEC 11801 and TIA/EIA568 compliant
  - RoHS, REACH and SvHC compliant
  - Available in multiple colours
  - Available in multiple lengths
  - 100% factory tested
  - Flame retardant LSZH jacket
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### Applications

- Cat6/Class E up to 250Mhz applications
- 10BASE-T, 100BASE-TX, 1000Base-T applications
- Ideal for environments where heavy external interference can disrupt signal such as EMI
- Backwards compatible with Category 5e distribution systems

## Specifications

CONSTRUCTION		VALUE
Conductors	AWG	26
	Size (mm)	0.915 +/- 0.008
	Material	Bare Copper
Insulators	Diameter (mm)	0.97 +/- 0.05
	Material	Polyolefin
	External O. D.	6.0 +/- 0.20
Jacket	Thickness (mm)	0.5
	Material	LSZH
Tape	Material	Mylar & Aluminium Mylar
	Coverage (%)	125

## Standards Compliance

- Class E / Category 6
- ANSI/TIA/EIA-568-C.2
- ISO/IEC 11801:2002/Amd.2:2010
- ISO/IEC 60603-7
- IEC 60512-12-5
- RoHS
- REACH / SvHC

## Ordering Information

	Category		Cable Type		Colour		Jacket Type		Length	
OPCC	6	Cat6	2	F/UTP	1	Grey	1	LSZH	01	1 m
					2	Blue			02	2 m
					3	Yellow			03	3 m
					4	Green			05	5 m
					5	Red			10	10 m
					6	Black			15	15 m
					7	White			20	20 m
					8	Orange				
					9	Brown				

### Example order code

OPCC - 6 - 2 1 2 - 01

Cat6 F/UTP Patch Cord LSZH Grey 1m

OPCC - 6 - 2 3 2 - 10

Cat6 F/UTP Patch Cord LSZH Yellow 10m

Technical Drawing

