



OPTIPLUS
n e t w o r k s



STRUCTURED
CABLING PARTNER

Category 6 S/FTP Patch Cord

OPTIPLUS Category 6 S/FTP Patch Cord has high performance and immunity to electromagnetic interference. Optiplus foil-over shielded twisted pair patch cables are made by high quality foil/braid shielded patch cable and RJ45 shielded connectors. Optiplus patch cords are individually tested as per ANSI/TIA-568-C.2 channel standard which are compliant with RJ-45 modular plugs and it is tested for transmission frequencies of up to 250MHz.



Standards

- ANSI/TIA-568-C.2
- TIA/EIA 568-B.2-1
- ISO/IEC 11801
- ISO/IEC 611156-2
- EN 50288-6-2
- IEEE /802.af, IEEE 802.3at for PoE applications

Construction:

Conductor Material	23AWG Solid Bare Copper
Insulation Material	Cellular Polyolefin
Number of Conductors	8 Nos
Jacket and Boot Material	LSZH or PVC
Jacket and Boot Color	As per requirement
Cable Overall Diameter	6.0mm max.

Electrical and Mechanical Characteristics:

- Impedance – 100 Ω ± 15%
- Frequency - 1 MHz to 250 MHz
- DC Resistance - 73 Ω/100m
- Mutual Capacitance - 5.6nF/100m
- Propagation Delay Skew - 35 nsec/100m
- Dielectric Strength - 1KV/minute
- Operating Temperature – -20°C to 60°C
- Storage Temperature – 0°C to 80°C

Ordering Information:

PART NUMBER	DESCRIPTION	LENGTH
OP-C614042301/PVC	Category 6 S/FTP Patch Cord PVC 01m	1m
OP-C614042302/PVC	Category 6 S/FTP Patch Cord PVC 02m	2m
OP-C614042303/PVC	Category 6 S/FTP Patch Cord PVC 03m	3m
OP-C614042305/PVC	Category 6 S/FTP Patch Cord PVC 05m	5m
OP-C614042310/PVC	Category 6 S/FTP Patch Cord PVC 10m	10m
OP-C614042301/LSZH	Category 6 S/FTP Patch Cord LSZH 01m	1m
OP-C614042302/LSZH	Category 6 S/FTP Patch Cord LSZH 02m	2m
OP-C614042303/LSZH	Category 6 S/FTP Patch Cord LSZH 03m	3m
OP-C614042305/LSZH	Category 6 S/FTP Patch Cord LSZH 05m	5m
OP-C614042310/LSZH	Category 6 S/FTP Patch Cord LSZH 10m	10m



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