



**OPTIPLUS**  
n e t w o r k s



STRUCTURED  
CABLING PARTNER

## Category 6A U/UTP Patch Cord

**OPTIPLUS** Category 6A U/UTP Patch Cord ensures optimum performance from the cabling system. Optiplus factory molded patch cords are individually tested as per ANSI/TIA-568-C.2 channel standard. Patch cords are available with Cat 6A solid 23 AWG cable or Cat 6A strand Cables. Optiplus Patch Cords are manufacturing with standard compliant RJ-45 modular plugs and it is tested for transmission frequencies to 500 MHz

### Standards

- TIA/EIA 568-B.2-10 CAT 6A
- TIA/EIA 568-C.2 CAT 6A
- ISO/IEC 11801 Class EA
- ISO/IEC 61156-5
- IEC 61034
- IEC 60332-1
- EN50173



### Construction:

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

### Electrical and Mechanical Characteristics:

- Impedance - 100 ± 25%
- Frequency - 1 MHz to 500 MHz
- DC Resistance - 82 /Km
- Capacitance P-G - 330 pF/100 m nom
- Propagation Delay Skew - 25 ns/100m Max
- Operating Temperature - -20°C ~ 70°C
- Installation Temperature - 0°C ~ 50°C
- Maximum Tensile Strength - 100 N

### Ordering Information:

PART NUMBER	DESCRIPTION	LENGTH
OP-C6A14002301/PVC	Category 6A U/UTP Patch Cord PVC 01m	1m
OP-C6A14002302/PVC	Category 6A U/UTP Patch Cord PVC 02m	2m
OP-C6A14002303/PVC	Category 6A U/UTP Patch Cord PVC 03m	3m
OP-C6A14002305/PVC	Category 6A U/UTP Patch Cord PVC 05m	5m
OP-C6A14002310/PVC	Category 6A U/UTP Patch Cord PVC 10m	10m
OP-C6A14002301/LSZH	Category 6A U/UTP Patch Cord LSZH 01m	1m
OP-C6A14002302/LSZH	Category 6A U/UTP Patch Cord LSZH 02m	2m
OP-C6A14002303/LSZH	Category 6A U/UTP Patch Cord LSZH 03m	3m
OP-C6A14002305/LSZH	Category 6A U/UTP Patch Cord LSZH 05m	5m
OP-C6A14002310/LSZH	Category 6A U/UTP Patch Cord LSZH 10m	10m



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