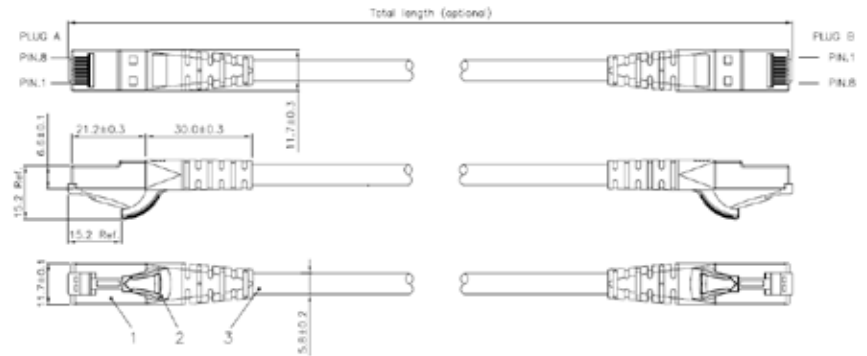




Our Unshielded Foil Twisted Pair (U/UTP) category 6 cable is designed to support transmission speeds of 1 Gigabit per second while ensuring reliable operation at 250MHz frequencies or higher. Meets all relevant international telecommunications and electrical standards, including ANSI/TIA/EIA 568C.2 and ISO/IEC 11801. This cable is constructed with four pairs of solid bare copper 24AWG wires, combined with a dielectric polyethylene foam. An additional benefit of this cable is provided by the low smoke zero halogen jacket known as LSZH. This material is characterized by low smoke, non-toxic and non-corrosive gas emissions when exposed to fire to facilitate the safe evacuation in case of fire, which is critical when it comes to protecting human life and equipment during a disaster. Available in three different lengths.



- PCGPCC6LZ03GR
- PCGPCC6LZ07GR
- PCGPCC6LZ10GR





Product specifications			
Wire characteristics			
Cable type	UTP "Unshielded Twisted Pair" with Cross Bar		
Number of pairs	4		
Number of wires	8		
Wire type	Stranded copper		
Wire gauge	24 AWG		
Internal characteristics			
Internal jacket material	HDPE (CMI-75E)		
Average Min. Thickness	0.178 mm		
Min. Thickness	0.153 mm		
Isolation Cross Bar for 4 pairs	Poly-ethylene		
Color combinations			
Pair 1	Blue and white / Blue		
Pair 2	Orange and white / Orange		
Pair 3	Green and white / Green		
Pair 4	Brown and white / Brown		
External characteristics			
External Jacket Designation	LSZH		
External Jacket Material	Low Smoke Zero Halogen (LSZH)		
Average Min. Thickness	0.65 mm		
Min. Thickness	0.58 mm		
Average cable diameter	5,8 ± 0.2mm		
Available jacket colors	Gray		
Electrical characteristics			
Characteristic impedance (Zo)	100 Ohm +/- 15%		
Conductive resistance	Max 14.0Ω / 100M 20°C		
DC resistance capacitance unbalance	5%		
Min. propagation velocity	69%		
Plug characteristics			
Color	Clear - molded		
Plug material	Polycarbonate UL 94V-2		
Contact material	50-60 micro-inch nickel plated phosphor bronze		
Contact finishing	Min. 50 micro-inch gold plating		
Transmission characteristics			
Transmission speed	1.000 Mbps / 1 Gbps		
Bandwidth	250 MHz		
Certifications and standards			
International standards	ANSI/TIA/EIA-568 C.2, ISO/IEC 11801		
ETL certificate			
Miscellaneous			
Color	GRAY		
Cable length	3ft	7ft	10ft
MPN	PCGPCC6LZ03GR	PCGPCC6LZ07GR	PCGPCC6LZ10GR
UPC	798302033368	798302033375	798302033382
Labeling	NEXXT U/UTP PATCH CABLE 24AWG 4PR ANSI/TIA-568-C.2 CAT.6 LSZH 75 °C ETL Verified XXXXXX-X www.nexxtsolutions.com		
Packaging	Plastic Bag		
Cuft	1.06 per 100units	1.50 per 100units	1.91 per 100units
Warranty	Limited lifetime warranty*		

