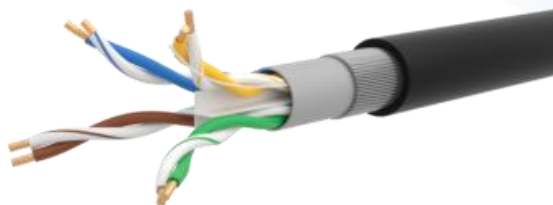


Category 6 UTP GI Armored Cable



High Speed Gigabit Ethernet GI Armored UTP 250MHz Class E / Category 6 Cable Consists of HDPE Insulated 8 x 23AWG Solid Bare Electrolytic Grade Copper Conductors Twisted as 4 Pairs, PVC Inner Sheath and Galvanized Iron Wires Covered with FRPVC Outer Jacket. This cable guarantees superior Electrical performance meeting 1000Base-T requirement and with Anti - Rodent properties makes it for outdoor applications.

Features

- Complies to ANSI-TIA 568.2-D for Category 6 & ISO/IEC 11801 for Class E
- Cable Characterized up to 250 MHz
- Galvanized Iron Wire Armoring
- 4 Pair Separator Design
- Covered under 3C3® Performance Warranty

Mechanical Specifications

Conductor AWG	: 23
Conductor Material	: Solid bare Copper
Conductor Count	: 8
Insulation Material	: Polyethylene
No. of pair	: 4
Color Code	
Pair #1	: Blue, White and Blue
Pair #2	: Orange, White and Orange
Pair #3	: Green, White and Green
Pair #4	: Brown, White and Brown
Armoring	: GI Wire (0.60mm)
Armoring- Wire Count	: 22 Nos
Tensile Strength	: Insulation – 17.50 N/mm ² (min)
	: Elongation – 300% (min)
	: Sheathing – 12.50 N/mm ² (min)
	: Elongation – 150% (min)
Inner Sheath	: PVC
Outer Sheath	: FR-PVC
Outer Sheath Color	: Black
Outer Sheath Thickness	: 0.80mm (nominal)
Overall cable diameter	: 9.60±0.50mm
Cable Weight	: 120kg/km
Cross filler	: HDPE

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Electrical Specifications

Characteristic Impedance	: 100Ω±15%
Conductor Resistance (DC)	: ≤9.38Ω/100m
Resistance Unbalance	: 5% max
Mutual Capacitance	: <5.6nF
Capacitance Unbalance	: 330pF
Delay Skew	: <45ns
NVP	: 69%
Bending radius	: 8x cable diameter
Pulling force	: 11.5kg
Maximum propagation delay @250MHz	: 490ns

Frequency	Max. IL (dB)	Min. NEXT (dB)	Min PSNEXT (dB)	Min ACRF (dB)	Min PSACRF (dB)	Min RL (dB)
250MHz	<32.8	>38.3	>36.3	>19.8	>16.8	>17.3

Environmental Specifications

Installation Temperature	: 0°C to 50°C
Storage Temperature	: -20°C to +75°C
Operating Temperature	: -20°C to +70°C

Standard Compliance/Certifications

- RoHS Certified

Ordering Information

Product Code

10201-0016

Description

High Speed Gigabit Ethernet UTP 250 MHz Class E GI wire Armored, Inner PVC, Outer FRPVC, Outdoor Cable, C6