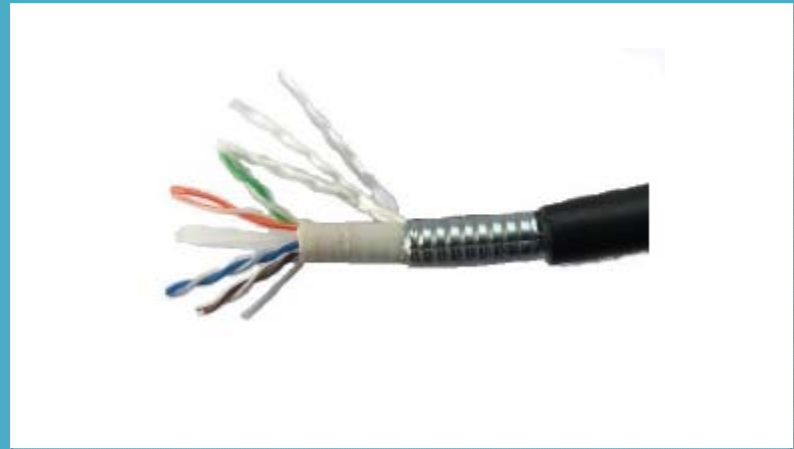


## CAT 6 UTP ECCS ARMORED CABLE

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### Features:

- Armored Cable
- 4 Pair 23 AWG Standard
- HDPE Insulated
- Suitable for Industrial Applications
- High Speed Data, Voice & Video Signal
- Complies to ANSI-TIA 568.2-D
- ISO/IEC 11801 for Class E



High Speed Gigabit Ethernet UTP 250MHz ECCS Armoured 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, Electrolytic Chrome-coated Corrugated Steel Tape Armouring covered with PE Outer Sheath. This cable offers superior Electrical performance meeting 1000Base-T requirement. Armoured cables can be used for wide range of industrial environments/application that requires no signal drops or interference.

## CAT 6 UTP ECCS ARMORED CABLE

### Mechanical Specifications

Conductor AWG	:	23
Conductor Material	:	Solid bare Copper
Nominal Conductor diameter	:	0.57mm
Conductor Count	:	8
Insulation Material	:	Polyethylene
Pairing	:	2 insulated conductor twisted together
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	:	ECCS Tape
Inner Sheath	:	PVC
Outer Sheath	:	PE
Outer Sheath Color	:	Black
Overall cable diameter	:	10.5±0.5mm
Sequential Marking	:	At every meter
RIP Cord	:	Yes
Cross filler	:	HDPE

### Electrical Specifications

Characteristic Impedance	:	100W±15%
Conductor Resistance(DC)	:	9.38W/100m
Resistance Unbalance	:	5% max
Mutual Capacitance	:	<5.6nF/100m
Capacitance Unbalance	:	330pF/100m
Delay Skew	:	<45ns
NVP	:	69%

## CAT 6 UTP ECCS ARMORED CABLE

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Bending radius	:	15X cable diameter
Pulling force	:	11.5kg
Maximum propagation delay @250MHz	:	490ns/90m
Maximum Attenuation @250Mhz & 70m	:	35.9dB
Return loss@250MHz & 70m	:	15.2fB
NEXT@250MHz & 70m	:	33.1dB
PS NEXT @250MHz & 70m	:	31.8fB
ACRF(ELFEXT) @250MHz & 70m	:	13.3dB
PSACRF @250MHz & 70m	:	10.8dB
Insertion Loss @250MHz & 70m	:	45.3dB

### Environmental Specifications

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Installation Temperature	:	-20°C to +70°C
Storage Temperature	:	-20°C to +70°C
Operating Temperature	:	-20°C to +70°C
Flame Properties		
Flammability Test	:	UL 1666
Acid Gas Emission Test	:	IEC 60754-1
Smoke Density Test	:	ASTM 2843
Packing	:	Reel of 305 Meters in Plane Box
Printing	:	YY/MM 3C3 Length in Meters
Nominal Weight	:	49.5 Kg

### Compliances / Certifications

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Complies to ANSI-TIA 568.2-D  
 ISO/IEC 11801 for Class E

## CAT 6 UTP ECCS ARMORED CABLE

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### Ordering Information

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Part No:	Description
NYS-CCAB-CAT6-ODA	High Speed Gigabit Ethernet UTP 250MHz ECCS tape Armored, Inner PVC, Outer PE Class E Cable, C6

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