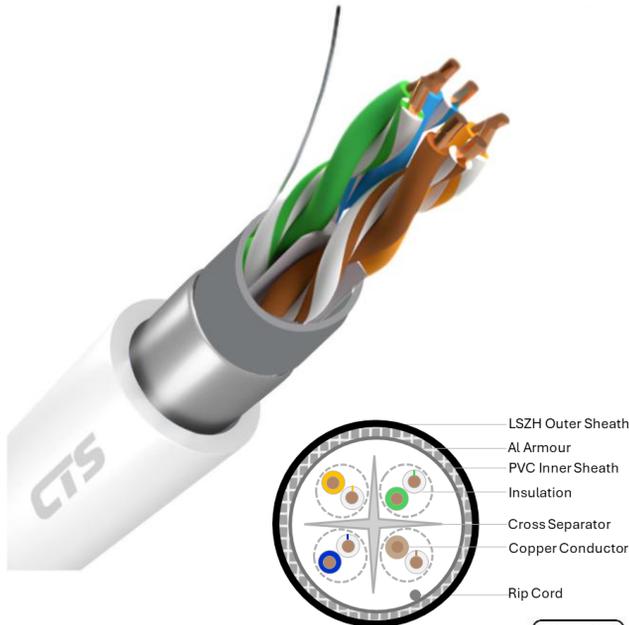


CCC6UUATPVLSGY | Category 6 Cable U/UTP 23 AWG Al Armour Dual Jacket



*Images are for representative purposes only



Product Description:

CTS Category 6 U/UTP 23 AWG Dual Jacket Cable is designed for reliable high-performance data transmission in environments requiring enhanced mechanical protection. An aluminum armor layer provides additional protection against mechanical stress and external impacts, making it suitable for demanding installations.

Applications:

Security and Surveillance
Industrial Network Infrastructure

Standards:

ANSI/TIA-568.2-D
ISO/IEC 11801-1

Features:

Reliable Signal Integrity
Enhanced Mechanical Protection
Dual Jacket Construction

Technical Specification:

Conductor Material	Solid Bare Copper	
Conductor Nominal Outer Diameter	0.555 ± 0.015 mm (23 AWG)	
Insulation Material	Polyethylene (HDPE)	
Insulation Colour Coding	1 White- Blue /Blue	2 White-Orange /Orange
	3 White-Green /Green	4 White- Brown /Brown
Inner Sheath	Polyvinyl Chloride (PVC)	
Armour	Al Armour	
Cable Outer Diameter	10.3 ± 0.5 mm	
Outer Sheath	Low Smoke Zero Halogen (LSZH)	
Impedance	100 ± 15 Ω at 20°C	
Delay Skew	≤ 45 ns/100m at 20°C	
DC Resistance	9.38 Ω/100m max at 20°C	
DC Conductor Resistance Unbalance	5.0 % max at 20°C	

Version 02-08



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Nominal Velocity of Propagation (NVP)	69 %
Max. Pulling Force (N)	110 N
Mutual Capacitance	5.6 nf/100 m Max
Capacitance Unbalance Pair/Ground	330 pf/100 m Max
Temperature Range	-15 °C to +75 °C
Package Length	1000 Ft

Technical Performance:

Frequency (MHz)	RL (dB)	ATTN (dB)	NEXT (dB)	PSNEXT (dB)	ACR-F (dB)	PSACR-F (dB)
1	19.0	2.1	65.0	62.0	63.3	60.3
4	19.0	4.0	63.0	60.5	51.2	48.2
8	19.0	5.7	58.2	55.6	45.2	42.2
10	19.0	6.3	56.6	54.0	43.3	40.3
16	18.0	8.0	53.2	50.6	39.2	36.2
20	17.5	9.0	51.6	49.0	37.2	34.2
25	17.0	10.1	50.0	47.3	35.3	32.3
31.25	16.5	11.4	48.4	45.7	33.4	30.4
62.5	14.0	16.5	43.4	40.6	27.3	24.3
100	12.0	21.3	39.9	37.1	23.3	20.3
200	9.0	31.5	34.8	31.9	17.2	14.2
250	8.0	35.9	33.1	30.2	15.3	12.3

Ordering Information:

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CTS Category 6 U/UTP 23 AWG Cable with Aluminum Armour, Inner PVC Jacket, Outer LSZH Jacket 305m Grey

