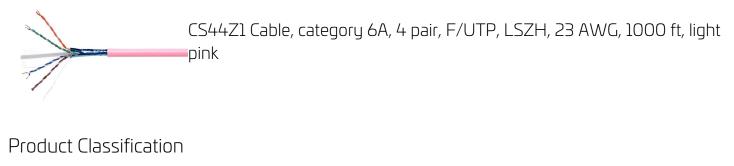
1-1859218-0 | CS44Z1 PNK C6A 4/23 F/UTP RL 305M



Regional Availability	Asia Australia/New Zealand Latin America
Portfolio	NETCONNECT®
Product Type	Twisted pair cable
Product Series	640 Series
General Specifications	
ANSI/TIA Category	6A
Cable Component Type	Horizontal
Cable Type	F/UTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Pink
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-6-1 ISO/IEC 11801 Class EA
Dimensions	
Cable Length	304.8 m 1000 ft
Diameter Over Jacket, nominal	7.188 mm 0.283 in
Conductor Gauge, singles	23 AWG

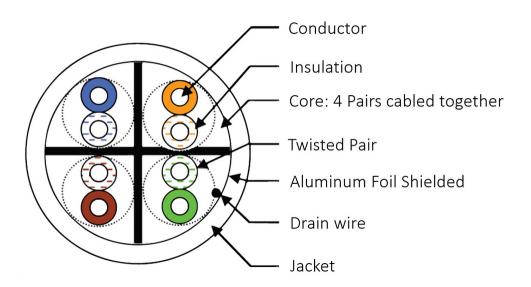
Cross Section Drawing

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Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance, maximum	7.8 ohms/100 m 2.377 ohms/100 ft
Delay Skew, maximum	45 ns
Mutual Capacitance at Frequency	5.6 nF/100 m @ 500 MHz
Nominal Velocity of Propagation (NVP)	69 %
Operating Voltage, maximum	80 V
Remote Powering	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A
Material Specifications	

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Shield (Tape) Material	Aluminum/Polyester

Environmental Specifications

Operating Temperature Acid Gas Test Method -20 °C to +75 °C (-4 °F to +167 °F) IEC 60754-2

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Temperature Rating, UL		75 °C 167 °F	
Flame Test Method		IEC 60332-1	
Smoke Test Method		IEC 61034-2	
Packaging and Weights			
Cable weight		60.107 kg/km 40.39 lb/kft	
Packaging Type		Reel	
Regulatory Compliance/Certifications			
Agency	Classification		
CHINA-ROHS	Below maximum concentration value		
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance		
ROHS	Compliant		
UK-ROHS	Compliant		



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