

Order Guide Information

CAT6 and CAT6a

CAT6 and CAT6a Ethernet cables provide high-speed, reliable connectivity for a wide range of networking applications. CAT6 supports up to 1 Gbps, while CAT6a delivers enhanced performance up to 10 Gbps with improved shielding to reduce interference. Available in CMR (Riser) and LSZH (Low Smoke Zero Halogen) jackets, these cables are ideal for offices, data centers, and high-speed networks. Choose the right length and jacket type to suit your installation requirements.

Lamatel PN	Cable Type	Jacket / Rating	Application	Recommended Use	Bandwidth
LTC6ULOUT695	CAT6 UTP	LLDPE Outdoor	Data, voice, video LAN cabling in environments exposed to sunlight, moisture, or temperature variations	Outdoor runs between buildings, poles, or outdoor equipment (UV/weather resistant)	250 MHz
LTC6ULSZH58	CAT6 UTP	LSZH (Low Smoke Zero Halogen)	Internal wiring of electronic equipment; structured cabling where fire safety is critical	Indoor public spaces (schools, hospitals, airports, offices) requiring low smoke & halogen-free	250 MHz
LTC6UCMR58	CAT6 UTP	PVC CMR (Riser)	Telephone & data circuits; vertical backbone cabling inside buildings	Indoor riser shafts and vertical backbone runs between floors	250 MHz
LTC6AULSZH85	CAT6A UTP	LSZH (Low Smoke Zero Halogen)	High-speed 10GBase-T Ethernet; structured cabling in safety-critical environments	Indoor public spaces (hospitals, airports, schools, offices) requiring low smoke & halogen-free	500–600 MHz
LTC6AUTPCM85	CAT6A UTP	PVC CM (General Purpose)	High-speed 10GBase-T Ethernet; general structured cabling	Indoor horizontal cabling in equipment rooms, offices, and general premises	500–600 MHz
LTC6AUCMR85	CAT6A UTP	PVC CMR (Riser)	High-speed 10GBase-T Ethernet; riser/backbone structured cabling	Indoor riser shafts and vertical runs between building floors	500–600 MHz
LTC6AUCM73	CAT6A FTP	PVC CM + Foil Shield	High-speed 10GBase-T Ethernet; enhanced EMI/RFI protection for sensitive environments	Indoor shielded installations (industrial plants, data centers, hospitals, areas with high electromagnetic interference)	500–600 MHz

