



Specification

GENERAL SPECIFICATIONS

Industry Category	6
Wire Gauge	24 AWG stranded UTP
Wire length	1.5 m

CONSTRUCTION & MATERIALS

Jacket Material	PVC
Jacket Color	White
Copper Purity	99% pure
Wire Count	4 Pair
Connector (bayonet type)	8P8C – RJ45 with molded boot
Connector Molded	Yes
1	White / Blue Stripe & Blue
2	White / Orange Stripe & Orange
3	White / Green Stripe & Green
4	White / Brown Stripe & Brown
Conductor Diameter	7 x 0.203 mm stranded UTP min
Jacket Print	CONEX CAT6 VERIFIED TO TIA/EIA-568-C.2 EXXXXXX (UL OR ETL) TYPE CM 60C 4PR 24AWG NNNNNN M -XXXXXX indicates manufacturer's UL or ETL file number -NNNNNN indicates the meter count.

ELECTRICAL & MECHANICAL SPECIFICATIONS

Temperature Rating	60°C
Dielectric Strength	AC 1.5kV / 60 secs
Jacket Tensile Strength	2,000 psi Minimum
Jacket Elongation	100% Minimum
Insulation Tensile Strength	2,000 psi Minimum
Insulation Elongation	100% Minimum
Cold Bend on 15 mm Mandrel	5 times at -20°C
Max AC Leak through Jacket	10 mA at AC 1.5kV

REGULATORY COMPLIANCE

TIA/EIA	568C compliant
RoHS	Compliant
UL or ETL certified	Optional

