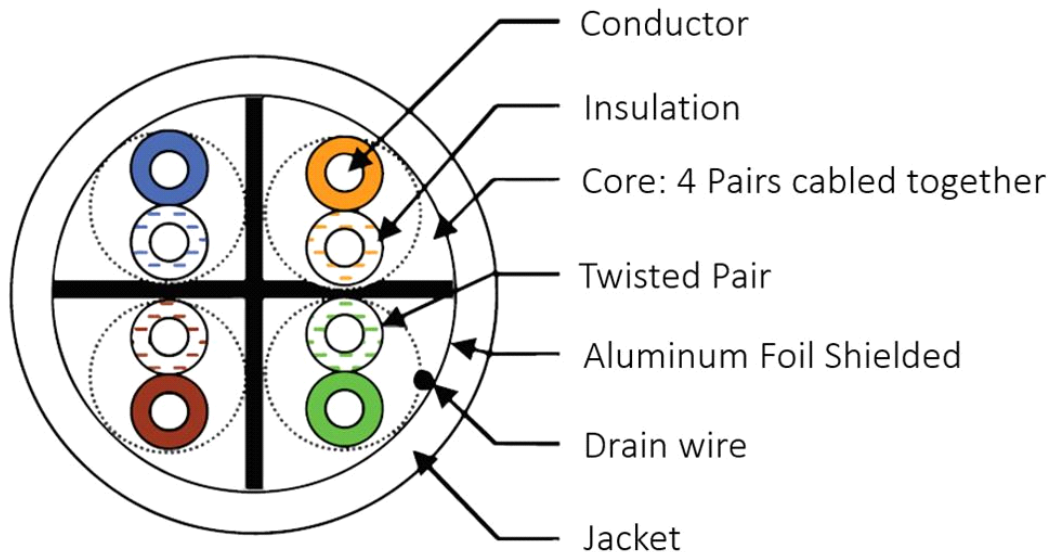


640 Series Copper Cable, category 6A, 4 pair, F/UTP, LSZH, 23 AWG, 1000 ft reel, yellow

Product Classification

Portfolio	NETCONNECT®
Product Series	640 Series
Product Type	Twisted pair cable
Regional Availability	Latin America

Cross Section Drawing



Construction Materials

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

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	60.10 kg/km
Diameter Over Jacket, nominal	7.200 mm 0.283 in

Electrical Specifications

ANSI/TIA Category	6A
Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance, maximum	66.58 ohms/km
Delay Skew, maximum	45 ns
Mutual Capacitance	5.6 nF/100 m @ 500 MHz
Nominal Velocity of Propagation (NVP)	64 %
Operating Voltage, maximum	300 Vac
Transmission Standards	ANSI/TIA-568-C.2 CENELEC EN 50288-6-1 ISO/IEC 11801 Class E

Environmental Specifications

Smoke Test Method	IEC 61034-2
Acid Gas Test Method	IEC 60754-2
Flame Test Method	IEC 60332-1
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Safety Standard	ETL UL

General Specifications

Cable Type	F/UTP (shielded)
Packaging Type	Reel
Pairs, quantity	4
Cable Component Type	Horizontal
Jacket Color	Yellow
Product Number	640Z
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8

Mechanical Specifications

Minimum Bend Radius, multiple bends 28.80 mm | 1.13 in

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification
Compliant

