

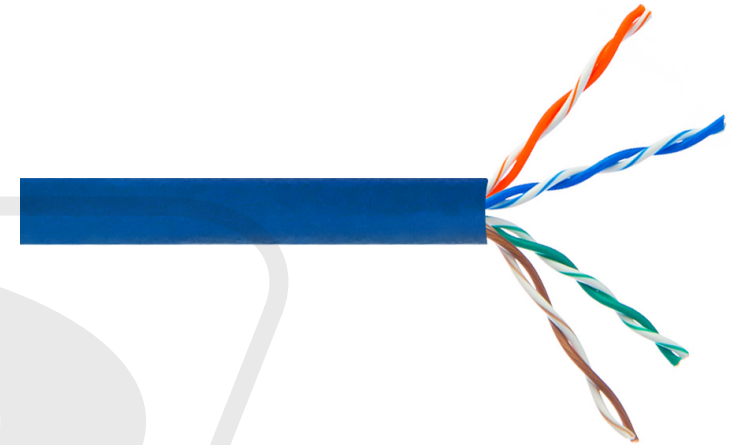
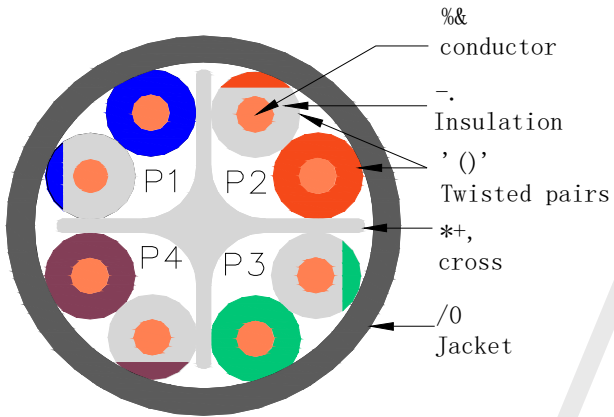


1000ft 4 Pair Cat6 Stranded 24AWG UTP FT4/CMR Bulk Cable

BK-C6ST-4xx - Specifications

Description

This bulk riser rated Cat6 cable is 1000 feet in length and consists of 4 pairs of 24AWG stranded wires. It is typically used to manufacture Cat6 unshielded patch cables and terminated with RJ45 plugs.



Physical Characteristics

Cable Length	1000ft [305m]
Color	Black / Blue / Green / Grey / Orange / Pink / Purple / Red / White / Yellow
Cable Diameter	6.20mm
Number of Pairs	4 Pairs
Color of Pairs	White-Blue, White-Green, White-Orange, White-Brown
Wire Gauge	24AWG Stranded
Stranding Count & Diameter	7x0.2 mm BC
Insulation Diameter	0.91 - 0.97mm
Conductor Material	100% Bare Copper
Jacket Material	PVC - Polyvinyl Chloride
Jacket Rating	CMR/FT4 [Riser Rated]
Jacket Nominal Thickness	0.5 - 0.6mm

Cable Shielding	None
Separator	PE Cross
Rip Cord	Yes - Nylon
Temperature Rating	75°C

Approvals/Environmental

c(UL)us	Yes
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Packaging Information

Package Quantity	1
Product Weight	28.6 lbs [12.9kg]

Mechanical Characteristics

Insulation Tensile Strength Before Aging	>1.68 Kg/mm ²
Insulation Elongation Before Aging	>300%
Jacket Tensile Strength Before Aging	>1.41 Kg/mm ²
Jacket Elongation Before Aging	>100%
Conductor Resistance	<93.8 (Ω/km)
Insulation Shrinkback	121 x 1hr
Insulation & Jacket Cold Bend	-20 x 4hr



ELECTRICAL CHARACTERISTICS

MAX. CONDUCTOR DC RESISTANCE (/KM)	#24:89
MIN. INSULATION RESISTANCE (/KM)	PE:100M
DIELECTRIC STRENGTH	AC-500V/1 MIN NO BREAKDOWN
D-C RESISTANCE UNBALANCE:MAX	2%
PAIR-TO-GROUND CAPACITANCE UNBALANCE:MAX.	330PF/100M
INPUT IMPEDANCE: 4-100MHZ	100+/-15ohm
	100-250MHZ 100+/-22ohm
MEAN CHARATRERISTIC IMPEDANCE@100MHZ:	100+/-5 OHMS
NOMINALE VELOCITY OF PROPAGETION (NVP)	68+/-2%
PROPAGATION DELAY @ 100MHZ	! 537.6 ns/100M
PROPAGATION DELAY SKEW:MAX.	! 45ns/100M