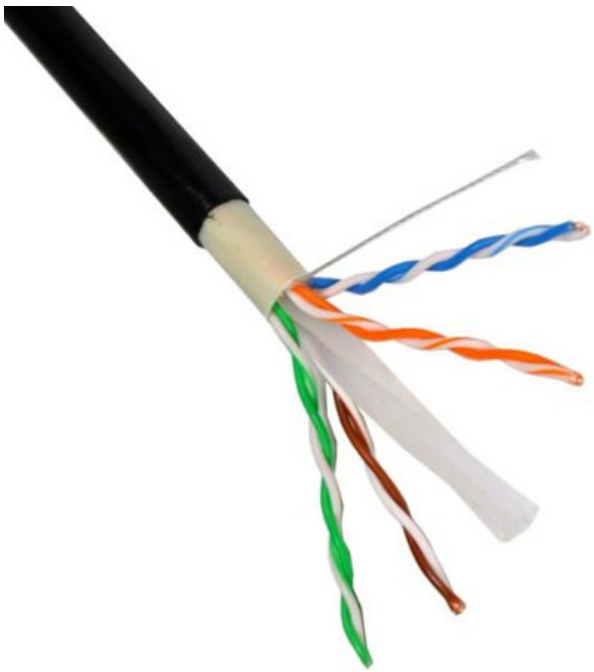
CABL SZ-CAT6U CU OUTDOOR



CAT6 | UTP | CU | 8.3MM | 305M | OUTDOOR

Manufacturer: MPSAT

Description

Application:
Meet ANSI/EIA/TIA 568-B.2-1 requirements

100 Base-T4

100 Base-TX

100VG-AnyLAN

1000 Base – T (Gigabit Ethernet)

155Mbps ATM

622 Mbps ATM

Description:
Unshielded copper cable, 4 pairs, category 6, solid
Conductor diameter: 0.57 (23 AWG)

Conductive material: Bare Copper Wire Solid

Insulated conductor diameter: 1.0 ± 0.05mm

Conductor insulation: HDPE

Inner jacket diameter: 6.5 ± 0.2 mm

Outer cable diameter: 8.3 ± 0.2 mm

Inner jacket: PVC, grey color

Outer jacket: UV resistant black PE, black color

Unshielded copper cable, 4 pairs, category 6, solid. Four unshielded twisted pairs (UTP), with a special star shaped central filler cabled together and double jacketed with a FR-LSZH compounds, a rip cord between the jackets.

Technical characteristics:
Pulling strength: ? 120 N
Minimum bend radius: 120 mm
Operating temperature: -55°F - +70°F

Cable is used for indoor and outdoor applications, low temperature conditions. Fixed installations, high bandwidth digital applications with low BER

PACKAGE INFO:

Standard package: 305 m (1000 ft)
Electrical characteristics:

Frequency, MHz	RL, dB	Attenuation, dB	NEXT, dB	PSNEXT, dB	ELFEXT, dB	PSELFEXT, dB
1	22.0	2.0	78.0	75.0	93.0	90.0
4	25.0	3.7	69.0	66.0	93.0	90.0
10	28.0	5.7	63.0	60.0	83.0	80.0
20	28.0	8.1	59.0	56.0	83.0	80.0
30	27.0	10.0	56.0	53.0	73.0	70.0
100	24.0	19.0	48.0	45.0	66.0	63.0
150	22.0	23.6	46.0	43.0	63.0	60.0
200	21.0	27.7	44.0	41.0	61.0	58.0
250	20.0	31.4	41.0	38.0	58.0	55.0

Characteristic Impedance	100 Ohm
Max. DC Resistance (at 20ba)	72 Ohm/km
Resistance Unbalance	? 2 %
Capacitance	56 pF/m
Capacitance Unbalance	? 1,2 pF/m
Velocity of Propagation	68 %
Propagation Delay Skew	? 35 ns/100 m
Dielectric Strength	700 V/minute
Insulation Resistance	? 5 GOhm km