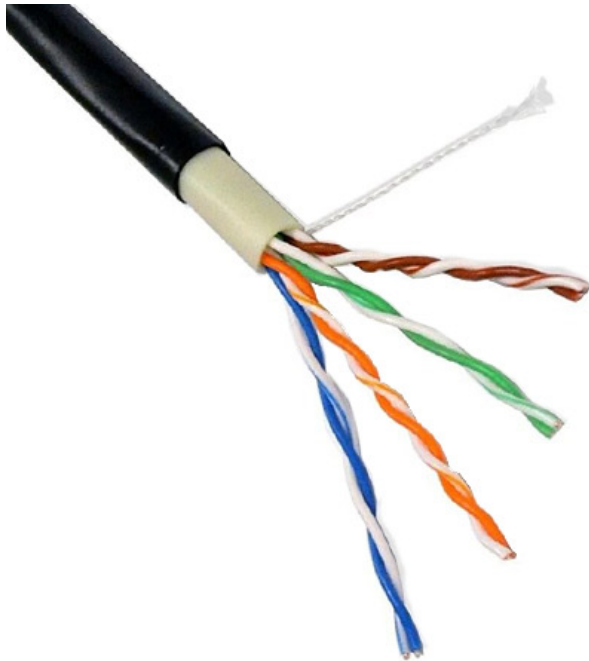


CABL SZ-CAT5 UTP OUTDOOR



CAT5e | UTP | CCA | 6.0MM | 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 cable, 4 pairs, category 5e

Conductor diameter: 0.50 (24 AWG)

Conductive material: CCA Copper clad aluminium wire)

Insulated conductor diameter: 0.85± 0.05mm

Cables: CABL SZ-CAT5 UTP OUTDOOR

Conductor insulation: Polythylene

Outer cable diameter: 6.0 ± 0.2 mm

Inner jacket: PVC, grey color

Outer jacket: UV resistant black PE, black color

Technical characteristics:

Minimum bend radius: 4 outer cable diameters

Conductor elongation: 14% minimum

Pulling strength: 1500 N

Breaking strength: 2000 N

Installation temperature: -10°C – +50°C (+14°F – +122°F)

Operating temperature: -40°C – +60°C (-40°F – +140°F)

Cable is used for outdoor installation

PACKAGE INFO:

Standard package: 305 m (1000 ft)

Electrical characteristics:

Frequency, MHz	RL	Attenuation, dB	NEXT, dB	PSNEXT, dB	ELFEXT, dB	PSELFEXT, dB
0.772	-	1.8	67.0	64.0	-	-
1.0	20.0	2.0	65.3	62.3	63.8	60.8
4.0	23.0	4.0	56.3	53.3	51.7	48.7
8.0	24.5	5.8	51.8	48.8	45.7	42.7
10.0	25.0	6.5	50.3	47.3	43.8	40.8
16.0	25.0	8.2	47.3	44.3	39.7	36.7
20.0	25.0	9.3	45.8	42.8	37.7	34.7
25.0	24.3	10.4	44.3	41.3	35.8	32.8
31.25	23.6	11.7	42.9	39.9	33.9	30.9
62.5	21.5	17.0	38.4	35.4	27.8	24.8
100.0	20.1	22.0	35.3	32.3	23.8	20.8

Conductor resistance at 20°C (68°F)

9.38 Ohm/100 m (2.9 Ohm/100 ft)

DC Resistance Unbalance

5%

Pair-to-Ground Capacitance Unbalance

330 pF/100 m (101 pF/100 ft)

Impedance 0.772-100 MHz

85-115 Ohm

Mutual Capacitance

5.6 nF/m (1.7 nF/ft)

Spark Test

2.5 kV