

# PowerCat 6 U/UTP Outdoor Cable >

Molex Outdoor Category 6 Cable contains 4 pairs UTP sheathed with a gray LS0H compound. An additional layer of heavy duty black PVC outer jacket renders the cable suitable for outdoor installations.



**Available in APAC only.**

## FEATURES & ADVANTAGES

Category 6 Compliant

LS0H and PVC sheathed for greater protection

UV resistant

Suitable for outdoor installations including mild mechanical abuse and rain

## SPECIFICATIONS

### Reference Information

### Commercial Standards

Category 6 ANSI/TIA/EIA 568C.2 ISO/IEC 11801 IEC 61156-5

### Mechanical

#### Conductor Size:

Solid 0.55 23 AWG Bare Annealed Copper

**Primary Insulation:** Solid Polyolefin

**Nominal O.D.:** 1.0 mm

**Sheath Type (Inner):** LS0H

**Sheath Type (Outer):**

Heavy Duty UV Resistant PVC

**Nominal O.D:** Overall 7.3 -/+0.3mm

**Inner:** 0.55mm

**Outer:** 0.65 mm

**Operating Temperature:** -40° to + 75°C

**NVP:** 69%

**Maximum Pulling force:** 100N

**Tensile Strength:** 11.5Kg

[www.molex.com/products/copper/cat6a](http://www.molex.com/products/copper/cat6a)

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Order No. CAA-00453-BK

SK/2023.08

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# PowerCat 6 U/UTP Outdoor Cable

## SPECIFICATIONS

FREQ (MHz)	RL (≥dB)	ATT (≤dB)	NEXT (≥dB)	PS-NEXT (≥dB)	ELFEXT (≥dB)	PS-ELFEXT (≥dB)	PD (ns/100m)	Upper Characteristic Impedance (ZuΩ)	Lower Characteristic Impedance (ZuΩ)
-	-	74.3	74.3	72.3	67.8	64.8	570.0	-	-
23.0	3.8	65.3	65.3	63.3	55.8	52.8	552.0	115.2	86.8
24.5	5.6	60.8	60.8	58.8	49.7	46.7	546.7	112.6	88.8
25.0	6.0	59.3	59.3	57.3	47.8	44.8	545.4	111.9	89.4
25.0	7.6	56.2	56.2	54.3	43.7	40.7	543.0	111.9	89.4
25.0	8.5	54.8	54.8	52.8	41.8	38.8	542.0	111.9	89.4
24.3	9.5	53.3	53.3	51.3	39.8	36.8	541.0	112.9	88.5
23.6	10.7	51.9	51.9	49.9	37.9	34.9	540.0	114.1	87.7
21.5	15.4	47.4	47.4	45.4	31.9	28.9	538.6	118.3	84.5
20.1	19.8	44.3	44.3	42.3	27.8	24.8	537.6	121.9	82.0
18.0	29.0	39.8	39.8	37.8	21.8	18.8	536.5	128.8	77.6
18.0	32.0	38.3	38.3	36.3	19.8	16.8	536.3	131.5	76.0

## ORDERING INFORMATION

Order No.	SAP No.	Description
CAA-00453-BK	181740190	PowerCat 6 U/UTP Outdoor LS0H/PVC Cable 305m/reel, black

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