



## 4 Pair UTP Cat6 (PE & SWA)

### Mechanical Characteristics

#### Construction:

Inner Conductor:	Solid Bare Copper
Dielectric:	Solid Polyethylene Insulation
Filler:	Cross Member PE
Sheath:	PE
Armour:	SWA

Insulation Diameter:	1.00mm (Nominal)
Sheath Diameter:	6.30mm (Nominal)
Diameter Over SWA & PE:	11.30 +/-0.5mm
Rated Temperature:	60°C

\*Cable image and colours are for illustration purposes only and may vary.

### Application

Category 6 cable is a twisted pair cable for carrying signals used most commonly in cabling for computer networks such as Ethernet. Cat6 cables are also used to carry other signals such as telephony and video.

### Description

4 pair category 6 cable consists of solid plain annealed copper wire with PE insulation and sheath, and steel wire armour.

### Electrical Characteristics

Max. Conductor DC Resistance @ 20°C:	$\leq 94.8 \Omega/\text{km}$ @ 20°C
Velocity Ratio:	0.65

### Example Part Numbers

120451-PE-BLK-SWA


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