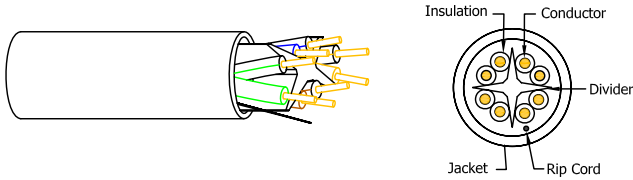


Product Specification sheet for:

## CAT6-P

CAT6E PLENUM- 550 MHz 23 AWG UTP

### CONSTRUCTION DETAIL



### PHYSICAL CONSTRUCTION

#### Conductor

Material	Bare Copper
Construction	1C/0.58mm
Diameter	0.58 ± 0.005mm

#### Insulation

Material	FEP
Score	WH:BL, OR, GR, BR=4:1*4
Average Thickness	0.22mm
Diameter	1.02 ± 0.02mm
Twisted	Refer to structure figure
Rip Cord	Nylon Rope

#### Jacket

Material	LS-FR-PVC
Average Thickness	0.55mm
Diameter	6.4 ± 0.2mm

### COLOR

The color of the wire pair in cables

Pair	Wire Arrangement	Twist Pitch
1p	Blue/Blue*White	15.3mm
2p	Orange/Orange*White	11.2mm
3p	Green/Green*White	13.7mm
4p	Brown/Brown *White	9.8mm

**Jacket Color:** Per request

### MARKING

### CHARACTERISTICS

Refer to TIA/EIA-568B.2

#### Physical properties:

(1) Insulation:	Tensile strength:	2400psi:
	(unaged) Elongation:	300%
(2) Jacket:	Tensile strength:	2000psi:
	(unaged) Elongation:	100%
(3) Flame Test:	VW-1	

#### Conductor Resistance:

	93.8 OHM/km at 20°C
	Max Spark Test: 1750 VAC
	Dielectric Strength:1500 V AC.25
(4) Center degree:	≥93%

### SPECIFICATION CONTROL

Structured Cable Products specifications are subject to change without notice. Please contact a sales representative for a current product specification. Structured Cable Products strives to ensure product specifications are complete, current, and accurate. Please note, all physical specifications are nominal.