

Copper Structured Cabling Solutions

Cat5e Cable

Cat5e (4 Pair) F/UTP UV Cable

Global **SIX**



Temperature Range

- Installation: 0°C to + 50°C
- Operational: -20° C to +70° C

Electrical Characteristics 20° C

- Delay Skew (450 nsec/km) Maximum
- Velocity of Propagation (%) 68
- Capacitance Unbalance (1000 pf/km) maximum
- DC Resistance 93,8Ω/km maximum
- Resistance Unbalance (%) max 2.0
- Characteristic Impedance 100Ω ± 15% @ 1.0Mhz-100Mhz

Specifications

Cable Construction » Cat5e F/UTP

Conductor » 8 Copper wires 24 AWG

Insulation » Polyolefin

Twisted 4 Pair » White/Blue - White/Orange - White/Green
White/Brown

Sheath Material » PVC Black UV Resistant

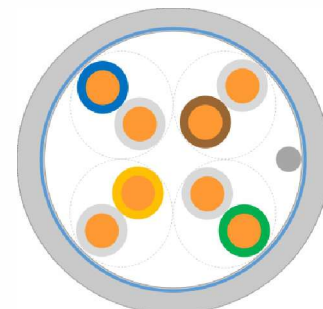
External - O.D » 6,4mm

Fire Safety Rating » IEC 60332 Part 1

ELECTRICAL CHARACTERISTICS STANDARD FOR CATEGORY 5e

STANDARD CAT 5e

FREQUENCY MHZ	ATTENUATION dB/100m	NEXT dB	PSNEXT dB	PSELFEXT dB
1	2.0	65.3	62.3	60.8
4	4.1	56.3	53.3	48.7
10	6.5	50.3	47.3	40.8
16	8.2	47.3	44.3	36.7
20	9.3	45.8	42.8	34.7
31.25	11.7	42.9	39.9	30.9
62.5	17.0	38.4	35.4	24.8
100	22.0	35.3	32.3	20.8



Part Number

G6-FUTP-C5-X1-Y-* Cat5e F/UTP Solid Cable PVC Black UV

Available in other colours & LSZH on request

X - Jacket/Sheath: X1=PVC Black UV, X2=LSZH

Y - Color: 1=BLUE, 2=GREY, 3=WHITE, 4=GREEN, 5=YELLOW, 6=PURPLE, 7=RED, 8=PINK, 9=ORANGE, 10=BLACK

* - Reel Length: 3=305m, 5=500m