

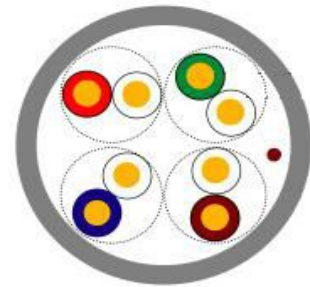
Manufactured according to ISO / IEC 11801-2, ISO / IEC 64156-5, EIA / TIA 568B, EN-50173

**DESCRIPTION**

CAT 5E Ethernet Cable, CAT 5E UTP Cable, is ideal for your indoor voice, data, video and security networking applications.

**TECHNICAL SPECIFICATIONS**

Conductor	24 AWG Bare Solid Copper
Insulation	0,90+/-0,05 mm HDPE
Identification of pairs	
1 pair	Blue - White / Blue
2 pair	Orange - White / Orange
3 pair	Green - White / Green
4 pair	Brown - White / Brown
Rip-cord	Yes
Sheath	PVC
Color	Grey (any other is available)
Bending radius	≥ 8 x Diameter (mm) Installation
Storage temperature	-15°C + 70°C

**ELECTRICAL CHARACTERISTICS**

Type (n° Pairs. x Φmm)	Conductor Resistance Ω/100m	Resistance Unbalance	Capacitance Unbalance pF/100m	Velocity of Propagation %	Impedance Ω
4x2x0,50	max.9.5	max.2%	max. 330	67	100+/-15

Frequency (MHz)	RL ≥dB	ATT dB/100m	NEXT ≥dB	DELAY ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEX T
1	20	2	65.3	570	62.3	63.8	60.8
4	23	4.1	56.3	552	53.3	51.8	48.8
8	24.5	5.8	51.8	546.73	48.8	45.7	42.7
10	25	6.5	50.3	545.38	47.3	43.8	40.8
16	25	8.2	47.2	543	44.4	39.7	36.7
20	25	9.3	45.8	542.05	42.8	37.8	34.8
25	24.3	10.4	44.3	541.2	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	39.9	33.9	30.9
62.5	21.5	17	38.4	538.55	35.4	27.9	24.9
100	20.1	22	35.3	537.6	32.3	23.8	20.8

**Appliance**

Cable for data transmission in structured cabling networks (LAN), horizontal and secondary facilities.

**Packing**

305m in pull box

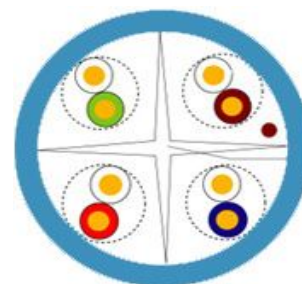
Manufactured according to ISO / IEC 11801-2, ISO / IEC 64156-5, EIA / TIA 568B, EN-50173

**DESCRIPTION**

CAT 6 Ethernet Cable, CAT 6 UTP Cable, 23 AWG, Solid, is ideal for your indoor voice, data, video and security networking applications.

**TECHNICAL SPECIFICATIONS**

Conductor	23 AWG Bare Solid Copper
Insulation	HDPE 1,02+/-0,05 mm
Identification of pairs	
1 pair	Blue - White / Blue
2 pair	Orange - White / Orange
3 pair	Green - White / Green
4 pair	Brown - White / Brown
Rip-cord	Yes
Sheath	LSZH
Color	Blue (any other is available)
Bending radius	≥ 8 x Diameter (mm) Installation
Storage temperature	-15°C + 70°C

**ELECTRICAL CHARACTERISTICS**

Type (n° Pairs. x Φmm)	Conductor Resistance Ω/100m	Resistance Unbalance	Capacitance Unbalance pF/100m	Velocity of Propagation %	Impedance Ω
4x2x0,56	max.7.5	max.5%	max. 330	67	100 + 15

Frequency (MHz)	RL ≥dB	ATT dB/100m	NEXT ≥dB	DELAY ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEX T
1	20	2.03	74.3	570	72.3	67.8	64.8
4	23	3.78	65.3	552	63.3	55.8	52.8
8	24.5	5.32	60.8	546.73	58.8	49.7	46.7
10	25	5.95	59.3	545.38	57.3	47.8	44.8
16	25	7.55	56.2	543	54.2	43.7	40.7
20	25	8.47	54.8	542.05	52.8	41.8	38.8
25	24.3	9.51	53.3	541.2	41.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	45.4	31.9	28.9
100	20.1	19.8	44.3	537.6	42.3	27.8	24.8
200	18	28.98	39.8	536.54	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	36.3	19.8	16.8

**Appliance**

Cable for data transmission in structured cabling networks (LAN), horizontal and secondary facilities.

**Packing**

305m in pull box

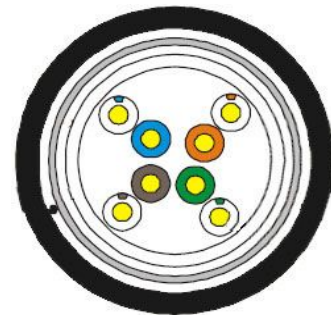
Manufactured according to ISO / IEC 11801-2, ISO / IEC 64156-5, EIA / TIA 568B, EN-50173

**DESCRIPTION**

CAT 5E Outdoor Ethernet Cable, Direct Burial Cable, Dual Shielded, Black for Outdoor Network Installations, is ideal for your outdoor voice, data, video and security networking applications.

**TECHNICAL SPECIFICATIONS**

Conductor	24 AWG Bare Solid Copper
Insulation	0,97+/-0,05 mm HDPE
Identification of pairs	
1 pair	Blue - White / Blue
2 pair	Orange - White / Orange
3 pair	Green - White / Green
4 pair	Brown - White / Brown
Shield	Polyester Tape/Al Foil
Braid Shield	16*5*0,10mm Tinned Copper(50%)
Rip-cord	Yes
Sheath	PVC
Color	Black
Bending radius	≥ 8 x Diameter (mm) Installation
Storage temperature	-15°C + 70°C

**ELECTRICAL CHARACTERISTICS**

Type (n° Pairs. x Φmm)	Conductor Resistance Ω/100m	Resistance Unbalance	Capacitance Unbalance pF/100m	Velocity of Propagation %	Impedance Ω
4x2x0,515	max.9.5	max.2%	max. 330	67	100+/-15

Frequency (MHz)	RL ≥dB	ATT dB/100m	NEXT ≥dB	DELAY ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEX T
1	20	2	65.3	570	62.3	63.8	60.8
4	23	4.1	56.3	552	53.3	51.8	48.8
8	24.5	5.8	51.8	546.73	48.8	45.7	42.7
10	25	6.5	50.3	545.38	47.3	43.8	40.8
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31.25	23.6	11.7	42.9	540.44	39.9	33.9	30.9
62.5	21.5	17	38.4	538.55	35.4	27.9	24.9
100	20.1	22	35.3	537.6	32.3	23.8	20.8

**Appliance**

Cable for data transmission in structured cabling networks (LAN), horizontal and secondary facilities.

**Packing**

305m in wooden drum.

Manufactured according to ISO / IEC 11801-2, ISO / IEC 64156-5, EIA / TIA 568B, EN-50173

### DESCRIPTION

CAT 5E Outdoor Ethernet Cable, Direct Burial Cable, Dual Shielded, Black for Outdoor Network Installations, is ideal for your outdoor voice, data, video and security networking applications.

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Conductor	24 AWG Bare Solid Copper
Insulation	0,97+/-0,05 mm HDPE
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4 pair	Brown - White / Brown
Shield	Polyester Tape/Al Foil
Braid Shield	16*5*0,10mm Tinned Copper(50%)
Rip-cord	Yes
Sheath	5,80+/-0,2mm PVC (Grey), FR
Color	Black
Bending radius	≥ 8 x Diameter (mm) Installation
Storage temperature	-15°C + 70°C



### ELECTRICAL CHARACTERISTICS

Type (n° Pairs. x Φmm)	Conductor Resistance Ω/100m	Resistance Unbalance	Capacitance Unbalance pF/100m	Velocity of Propagation %	Impedance Ω
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### Appliance

Cable for data transmission in structured cabling networks (LAN), horizontal and secondary facilities.

### Packing

305m in wooden drum.