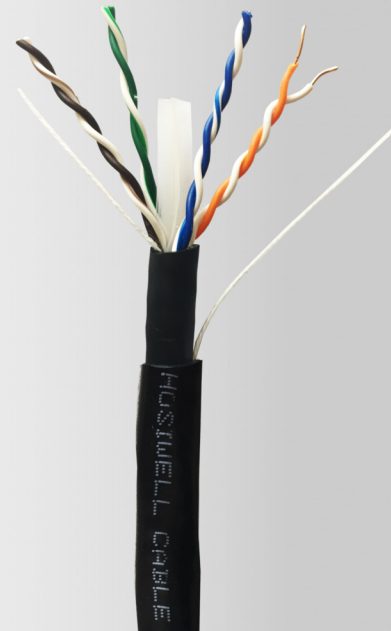




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Worldwide leading cable manufacturer

Lan Wire Cable



Hosiwell Cat.6 UTP Horizontal Outdoor Cable

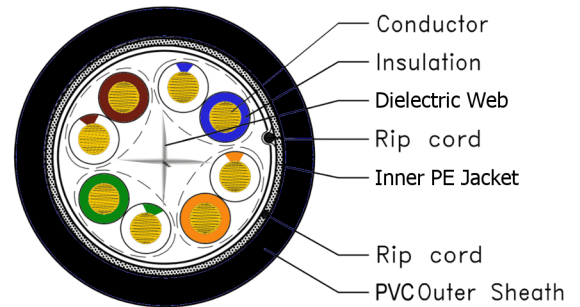


As a premium network cable manufacturer, Hosiwell manufactures the Cat.6 UTP Horizontal Outdoor Cable series product in best quality. It is tested to 250MHz frequency range and designed to support Gigabit 1000 Base-T and 1000Base-Tx applications to full 100m. Hosiwell Category 6 UTP cable are UL listed CMR and standard packing will be 305m easy pull out boxes.

CABLE CONSTRUCTION

P/N 30022-D-BK

Conductor	23 AWG Solid Bare Copper Wire
Insulation	High Density Polyethylene (HDPE)
Inner Jacket	PE, Black
Outer Jacket, Colour	PVC, Black



PHYSICAL CHARACTERISTICS

Conductor Diameter (Nominal)	0.55 ± 0.02 mm
Insulation Thickness	0.23 mm
Insulation Over Diameter	1.02 mm ± 0.02 mm
Conductor Unit Identification	Solid/Stripe
Colour Code	Per TIA/EIA 568-B
Total Number of Wires	8
Conductor Unit Lay-Up	Pairs
Inner Jacket thickness	0.55 mm
Outer Jacket thickness	0.80 mm
Norm. Diameter	7.95 mm ± 0.02 mm

COMPLIANCE

- IEEE 802.af, IEEE 802.3at PoE applications.
- ANSI/TIA-568-B.2 Cat.5e Standard
- UL type CMR (135928)
- CSA type CMG FT4 (LL80602)
- ETL Certificate
- Verified to Cat.6 ISO/IEC 11801

ELECTRICAL CHARACTERISTICS

DC Resistance	7.32 Ω/100m
DC Resistance Unbalance (max)	5%
Characteristic Impedance	100 ± 15% Ω
Capacitance (max)	5.6 nF/100m
Delay skew (max.)	45 ns/100m
Min. Bend Radius	53.6 mm

JACKET CHARACTERISTICS

Flame Retardant PVC Jacket
Standard Lengths are : 1000 feet (305 meter)

Marking on cable surface : HOSIWELL CABLE OUTDOOR 500+ E135928-T (UL) CMR 4PR 23AWG 75°C LL80602 CSA TYPE CMG 4P 23 AWG 75°C FT4---- ETL VERIFIED TO TIA/EIA-568-B.2-1 & ISO/IEC 11801 CAT.6---- TESTED TO 500MHZ HORIZONTAL CABLE.

APPLICATIONS

For Horizontal cabling sub-system, IP CCTV...





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"Freg (Mhz)"	"Atten. dB/100m max"	"NEXT dB(min)"	"PS-NEXT dB(Min)"	"ACR dB(min)"	"PS ACR dB(min)"	"ELFEXT bB(min)"	"PS-ELFEXT bB(min)"	"Return Loss bB(min)"	"Propagation delay Max. delay (ns/100m)"
0.772	1.8	76.0	74.0	74.2	72.2	70.1	67.1	-	-
1	2.0	74.3	72.3	72.3	70.3	67.8	64.8	20.0	570
4	3.8	65.3	63.3	61.5	59.5	55.8	52.8	23.0	552
8	5.3	60.8	58.8	55.5	53.5	49.7	46.7	24.5	546
10	6.0	59.3	57.3	53.4	51.4	47.8	44.8	25.0	545
16	7.6	56.2	54.2	48.7	46.7	43.7	40.7	25.0	543
20	8.5	54.8	52.8	46.3	44.3	41.8	38.8	25.0	542
25	9.5	53.3	51.3	43.9	41.9	39.8	36.8	24.3	541
31.25	10.7	51.9	49.9	41.2	39.2	37.9	34.9	23.6	540
62.5	15.4	47.4	45.4	32.0	30.0	31.9	28.9	21.5	538
100	19.8	44.3	42.3	24.5	22.5	27.8	24.8	20.1	537
200	29.0	39.8	37.8	10.8	8.8	21.8	18.8	18.0	536
250	32.8	38.3	36.3	5.5	3.5	19.8	16.8	17.3	536

COLOR CODE:

Pair 1 = Blue - White/Blue

Pair 2 = Orange - White/Orange

Pair 3 = Green - White/Green

Pair 4 = Brown - White/Brown