

**HOSIWELL***Worldwide leading cable manufacturer***Lan Wire Cable**

Hosiwell Cat.6 UTP LSZH Patch Cable Horizontal Cable

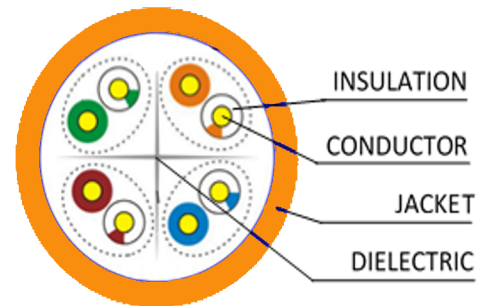


As a premium network cable manufacturer, Hosiwell manufactures the Cat 6 Patch Cable Horizontal Cable series product in best quality. It is tested to 250MHz frequency range and designed to support Gigabit 1000 Base-T and 1000Base-Tx applications to full 100m. Hosiwell Category 6 UTP Patch cable are UL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

CABLE CONSTRUCTION

P/N 30021-CC-LSZH

Conductor	24 AWG Stranded Bare Copper Wire
Insulation	Polyethylene (HDPE)
Outer Jacket, Colour	LSZH jacket, Orange



PHYSICAL CHARACTERISTICS

Conductor Diameter (Nominal)	0.50 (7x0.2mm)
Insulation Thickness	0.20 mm
Conductor Unit Identification	Solid/Stripe
Colour Code	Per TIA/EIA 568-B
Total Number of Wires	8
Conductor Unit Lay-Up	Pairs
Outer Jacket thickness	0.63 mm
Norm. Diameter	6.0 mm \pm 0.02 mm

COMPLIANCE

- ETL Verified TIA/EIA - 568-B.2-1 Cat.6.
- ETL Verified ISO/IEC 11801
- UL type CMR (135928)
- CSA type CMG FT4 (LL80602)
- ETL Certificate

ELECTRICAL CHARACTERISTICS

DC Resistance (max.)	8.76 Ω /100m
DC Resistance Unbalance (max)	5%
Characteristic Impedance	100 \pm 15% Ω
Propagation delay at 500 MHz	538 ns/100m
Delay skew (max.)	45 ns/100m

JACKET CHARACTERISTICS

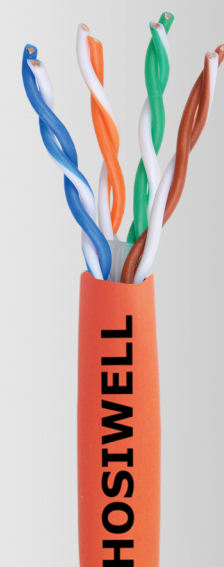
Flame Retardant LSZH Jacket
Standard Lengths are : 1000 feet (305 meter)

Marking on cable surface : HOSIWELL CABLE E135928-T (UL) CMR 4PR 24AWG 75°C ETL VERIFIED TO TIA/EIA-568-B.2 CAT.6 ALSO VERIFIED TO CAT.6 PATCH CABLE

APPLICATIONS

For Equipment room, Telecommunication closet and work Area application.



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"Freg (Mhz)"	"Atten. dB/100m max"	"NEXT dB(min)"	"PS- NEXT dB(Min)"	"ELFEXT bB(min)"	"PS- ELFEXT bB(min)"	"Return Loss bB(min)"	"Propagation delay Max. delay (ns/100m)"
0.772	2.2	76.0	74.0	70.1	67.1	-	-
1	2.4	74.3	72.3	67.8	64.8	20.0	570
4	4.5	65.3	63.3	55.8	52.8	23.0	552
8	6.3	60.8	58.8	49.8	46.8	24.6	546
10	7.1	59.3	57.3	47.8	44.8	25.0	545
16	9.0	56.3	54.3	43.8	40.8	25.0	543
20	10.1	54.8	52.8	41.8	38.8	25.0	542
25	11.4	53.4	51.4	39.9	36.9	24.2	541
31.25	12.8	51.9	49.9	37.9	34.9	23.4	540
62.5	18.4	47.4	45.4	31.9	28.9	20.8	538
100	23.7	44.3	42.3	27.8	24.8	19.0	537
200	34.7	39.8	37.8	21.8	18.8	16.4	536
250	39.4	38.4	36.4	19.8	16.9	15.6	536
350	47.7	36.2	34.2	17.0	14.0	14.3	535
400	51.5	35.3	33.3	15.8	12.8	13.8	535
500	58.7	33.9	31.9	13.9	10.9	13.0	535

COLOR CODE:**Pair 1** = Blue – Light Blue**Pair 2** = Orange – White**Pair 3** = Green – Light Green**Pair 4** = Brown – Light Brown