

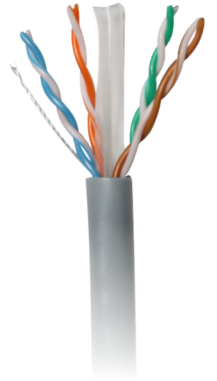
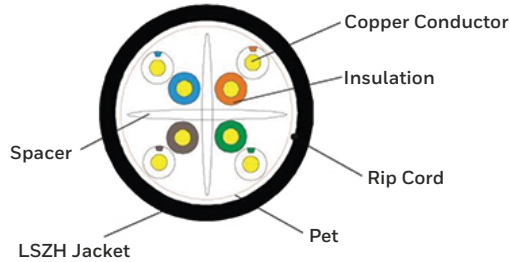
# Honeywell

## UTP CAT6 SOLID CABLE 305 MTRS. LSZH

HONEYWELL Cat6 UTP Cable 4 Pairs is suitable for Horizontal Cabling Systems. Used to transmit High Speed Data, Voice and Video signals both digital & analog through entire CHANNEL. With 250 MHz operational bandwidth it well exceeds the requirement of ANSI/TIA 568-C.2 and ISO 11801.

### Features

- True 23 AWG Solid Bare Copper
- Reel in A Box (305 Mtrs.)
- LSZH Sheath
- Jacket Colors on Demand.
- "CHANNEL" Performance Warranty
- Performance Verified Upto 600 MHZ
- Well Exceeds The Requirements of ANSI/TIA 568-C.2 Category 6 and ISO 11801 Class E



### Technical Specifications

CONSTRUCTION	
Conductor	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	23AWG (0.55±0.015)
Insulation	Polyethylene (HDPE)
Insulation Dia.	0.98±0.03
Pairing	Twisted into Two core
No. of Pair	4, Each Twisted together
Color Code:	
Pair #1	Orange-White with Orange
Pair #2	Brown-White with Brown
Pair #3	Blue-White with Blue
Pair #4	Green-White with Blue
Outer Sheath Material	LSZH
Colour of Sheath	L-Grey
Approximate OD	5.9 ± 0.30 mm
RIP Cord	Yes
Sequential Marking	At Every Meter
Cross Filler	HDPE
Packing	305 Mtrs. in Reel in a box

PHYSICAL CHARACTERISTICS	
Installation Temperature	0 to +50°C
Storage Temperature	-20 to +60°C
Operating Temperature	-20 to +60°C

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## ELECTRICAL PARAMETERS

Conductor Resistance (DC)	9.8Ω/1000 Mtr. @20°C Max.
Resistance Unbalance	5% Max.
Mutual Capacitance	5.6 nf/100 Mtr. Max.
NVP	69%
Impedance	100 ± 15%Ω
Worst Cable Skew	45ns/100 Mtr.

## HIGH FREQUENCY ELECTRICAL PARAMETERS

FREQ (MHz)	ATT (db/100m) Min.	Next (db) Min.	PS. NEXT (dB) Min.	ACRF (db@100m) Min.	PS.ACRF (db@100m) Min.	Return Loss (db/100m) Min.
1	2.1	65.0	62.0	63.3	60.3	19
4	4.0	63.0	60.5	51.2	48.2	19
8	5.7	58.2	55.6	45.2	42.2	19
10	6.3	56.6	54.0	43.3	40.3	19
16	8.0	53.2	50.6	39.2	36.2	18
20	9.0	51.6	49.0	37.2	34.2	17.5
25	10.1	50.0	47.3	35.3	32.3	17
31.25	11.4	48.4	45.7	33.4	30.4	16.5
62.5	16.5	43.4	40.6	27.3	24.3	14.0
100	21.3	39.9	37.1	23.3	20.3	12.0
200	31.5	34.8	31.9	17.2	14.2	9.0
250	35.9	33.1	30.2	15.3	12.3	8.0



COPPER



CAT6



## Ordering Information (Part Codes and Description)

No.	Part Code	Description
1	HC000203/CPR/C6/UTP/LS/305M	Cat 6 UTP 4 Pair Solid Cable 23AWG LSZH CM 305 Mtrs.

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