

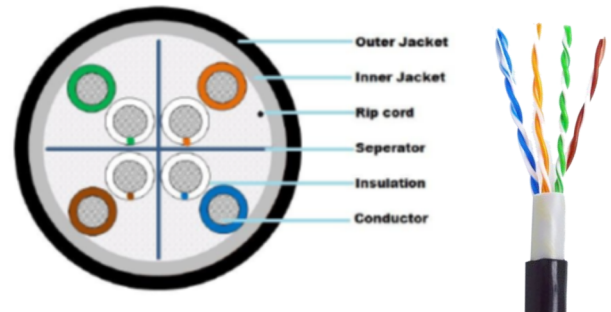
# Honeywell

## OUTDOOR UTP CAT6 DOUBLE JACKET CABLE 305 MTRS

HONEYWELL Cat6 Outdoor Cable 4 Pairs used to transmit High Speed Data, Voice and Video signals both digital & analog on Local Area Networks. With 250 MHz operational bandwidth it well exceeds the requirement of ANSI/TIA 568-C.2 and ISO 11801.

### Features

- 305 Mtrs. Reel. 500 Mtrs. Reel in Option
- Double Jacket For Better Protection.
- Inner Sheath Grey PVC. Outer Sheath LDPE
- UV Resistant, Anti Rodent
- Suitable For Outdoor Applications



### Technical Specifications

CONSTRUCTION	
Conductor	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	23AWG
Insulation	Polyethylene (HDPE)
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
Inner Sheath	PVC or LSZH
Inner Sheath Colour	Natural/Grey
Outer Sheath Material	LDPE - Black - Antirodent thickness - 1.3mm Nominal
Colour of Sheath	Black
Approximate OD	6.9 ± 0.30 mm
RIP Cord	Yes
Sequential Marking	At Every Meter
Cross Filler	HDPE
Temperature Rating	-20 to + 60°C
Packing	305 Mtrs. in a Wooden Reel

### Low Frequency Electrical Parameters

- Conductor Resistance (DC): 7.2Ω/100 Mtr. @ 20° C. Max.
- Resistance Unbalance : 2.5% Max.
- Dielectric Strength: 1.0KV DC or 0.75KV AC For 1 Min.
- Insulation Resistance: > 100 M Ω
- Mutual Capacitance: 5.6nF/100 Mtrs. Max.
- Capacitance Unbalance Pair/Ground: 330pF/100M Max.
- Delay Skew: 45 nS/100M
- Normal Velocity of Propagation: 67%
- Impedance: 100 ± 15%Ω

[www.honeywellconnection.com](http://www.honeywellconnection.com)

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### PHYSICAL CHARACTERISTICS

Installation Temperature	0 to +50°C
Storage Temperature	-20 to +75°C
Operating Temperature	-20 to +60°C

### ELECTRICAL PARAMETERS

Conductor Resistance (DC)	93.8Ω/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	30.5	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	HC000205/CPR/C6/OTD/305M	Cat 6 Outdoor 4 Pair Solid Cable 23 AWG 305 Mtrs. PVC
2	HC000208/CPR/C6/OTD/305M	Cat 6 Outdoor 4 Pair Solid Cable 23 AWG 305 Mtrs. LSZH

#### History

Rev. 1.1, Dec 2021

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