

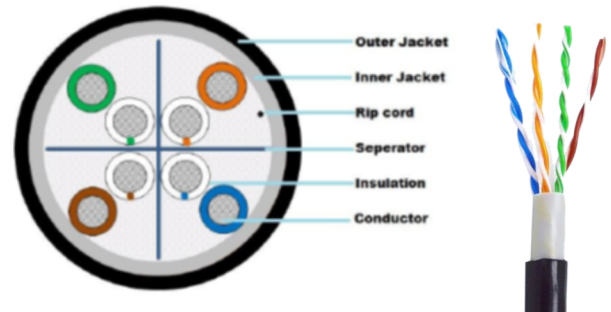
Honeywell

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
- Suitable For Outdoor Applications



Technical Specifications

CONSTRUCTION	
Conductor	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	23AWG (0.550 +/- 0.015 mm)
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
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

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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	HC000207/CPR/C6/OTD/305M	Cat 6 Outdoor 4 Pair Solid Cable 23 AWG 305 Mtrs. LSZH

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