

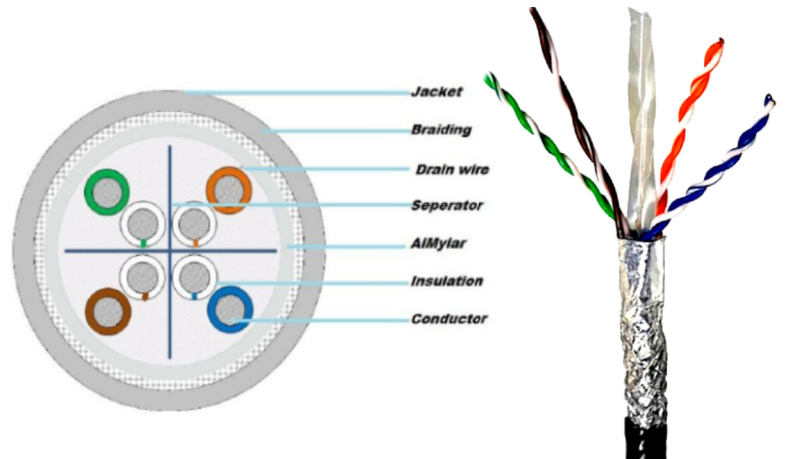
Honeywell

SFTP CAT6 SOLID CABLE 305 MTRS. FR-PVC AND LSZH

HONEYWELL Cat6 SFTP 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
- 305 Mtrs. Reel. 500 Mtrs. Reel in Optoin
- FR-PVC (LSZH Sheath Option on Demand)
- 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 (AWG)	23 AWG
Insulation	Polyethylene (HDPE)
Pairing	Twisted into Two core
No. of Pair	4 Pair, all 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
Foil Shielding	Aluminium Foil
Drain Wire	Annealed Tinned Copper
Braiding	Annealed Tinned Copper
Outer Sheath	PVC-FR
Colour of Sheath	L-Grey, (as Per Customer Requirement)
Approximate OD	7.20 mm ±0.30 mm
Sequential Marking	At Every Meter
Temperature Rating	-20 to + 60°C
Packing length (As Per Customer Required)	305 Meter in Wooden Spool

Low Frequency Electrical Parameters

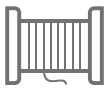
- Conductor Resistance (DC): 93.8Ω/1000 Mtr. @ 20 Degree C. Max.
- Resistance Unbalance : 5% Max.
- Mutual Capacitance : 5.6 nF/100 Mtr. Max.
- Worst Case Cable Skew : 45nS/100Mtr. Max.
- Normal Velocity of Propagation: 69%
- Generally Confirming To EIA/TIA 568-C.2

www.honeywellconnection.com

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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	HC000204/CPR/C6/SFTP/FR/305M	Cat 6 SFTP 4 Pair Solid Cable 23 AWG FR-PVC CM 305 Mtrs.
		...LSZH on Demand

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