

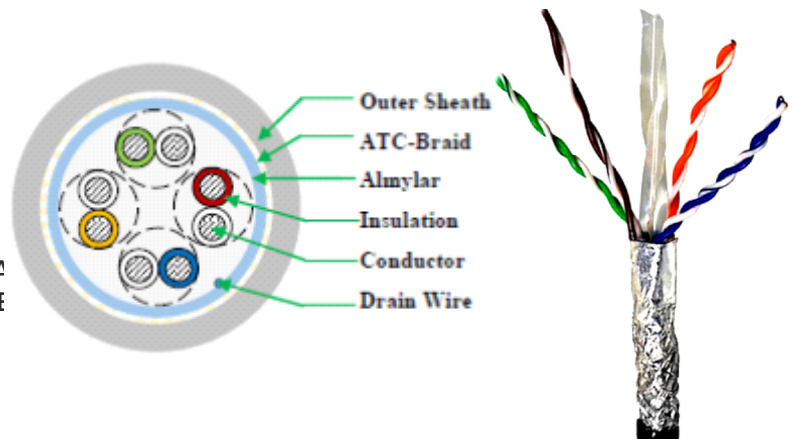


SFTP CAT5E SOLID CABLE 305 MTRS. FR-PVC AND LSZH

HONEYWELL Cat5e 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 100 MHz operational bandwidth it well exceeds the requirement of ANSI/TIA 568-C.2 and ISO 11801.

Features

- 24 AWG Solid Bare Copper
- 305 Mtrs. Reel. 500 Mtrs. Reel in Option
- FR-PVC (LSZH Sheath Option on Demand)
- Jacket Colors on Demand.
- “Channel” Performance Warranty
- Well Exceeds the Requirements of ANSI/TIA 568-C.2 Category 5e And ISO 11801 Class E



Technical Specifications

CONSTRUCTION	
Conductor	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter (AWG)	24 AWG (0.505 mm +/-0.015)
Insulation	HDPE
Color Code:	
Pair #1	Blue-White with Blue stripe
Pair #2	Orange-White with Orange stripe
Pair #3	Green-White with Green Stripe
Pair #4	Brown-White with Brown stripe
Shielding#1	Aluminium Mylar Tape with 100% coverage
Shielding#2	ATC Braid (80/0.09 mm)
Earthing Link	Drain Wire (ATC)
Outer Jacket	PVC
Colour of Outer Jacket	Grey or Black (As Per Customer Requirement)
Outer Jacket Thickness	0.65 mm nominal
Approximate OD	6.0 ± 0.3 mm
Operating Temperature	-20 to + 75°C
Marking	As Per Customer Requirement
Packing	305m in Wooden Reel

Low Frequency Electrical Parameters

- Conductor Resistance (DC): 9.6 ohms/100 Mtr. @ 20 Degree C. Max.
- Resistance Unbalance : 5% Max.
- Mutual Capacitance : 5.6 nF/100 Mtr. Max.
- Capacitance Unbalance Pair/Ground: 330pf/100Mtr. Max.
- Propagation Delay: 546 nS/100M ≤ 546 ns/100m
- Normal Velocity of Propagation: 69%
- Impedance: 100±15% ohms
- Worst Case Cable Skew: ≤ 45ns/100m
- Generally Confirming To EIA/TIA 568-C and IEC/ISO 11801

www.honeywellconnection.com

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HIGH FREQUENCY ELECTRICAL PARAMETERS						
FREQ (mhz)	INS LOSS (dB/100m) Max.	Next Pair to Pair (dB/100m) Min.	Next Power Sum (dB/100m) Min.	ACRF (dB/100m) Min.	Power Sum (dB/100m) Min.	Return Loss (db/100m) Min.
1	2.2	60.0	57.0	57.4	54.4	17.0
4	4.5	53.5	50.5	45.4	42.4	17.0
8	6.3	48.6	45.6	39.3	36.3	17.0
10	7.1	47.0	44.0	37.4	34.4	17.0
16	9.1	43.6	40.6	33.3	30.3	17.0
20	10.0	42.0	39.0	31.4	28.4	17.0
25	11.4	40.3	37.3	29.4	26.4	16.0
31.25	12.9	38.7	35.7	27.5	24.5	15.1
62.5	18.6	33.6	30.6	21.5	18.5	12.1
100	24.0	30.1	27.1	17.4	14.4	10.0



Ordering Information (Part Codes and Description)

No.	Part Code	Description
1	HC000104/CPR/C5E/SFTP/FR/305M	Cat 5e SFTP 4 Pair Solid Cable 24 AWG FR-PVC 305 Mtrs.
		...LSZH on Demand

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