

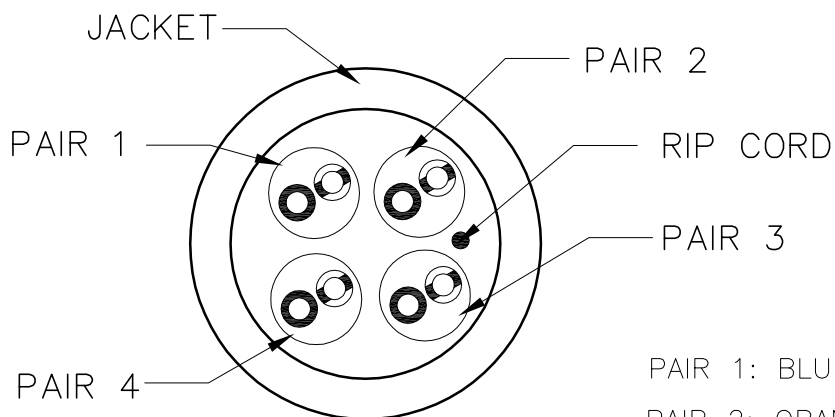
Category 5e 350MHz UTP Solid Cable

PRODUCT SPECIFICATION



Package includes:

A. Category 5e UTP Solid Cable, 1000 feet



PAIR 1: BLUE & WHITE/BLUE
 PAIR 2: ORANGE & WHITE/ORANGE
 PAIR 3: GREEN & WHITE/GREEN
 PAIR 4: BROWN & WHITE/BROWN

Features and Benefits:

- Exceeds TIA 568-B.2 Category 5e standard
- Easy to dispense 1000 ft with EZ pull box, saving you energy and time on the job site
- Convenient sequential footage markings for usage tracking
- Riser flame retardant rated required in most commercial installations
- ETL verified TIA/EIA 568-B.2 for guaranteed performance
- UL listed

Cable, CAT5e, UTP, 24AWG, 4P, CMR, 1000ft			
ITEM NO.	ICCABR5E00		REV. A
DWG NO.	PSCABR5E00		PAGE NO. 1

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CATEGORY 5e 350MHz UTP CABLE ELECTRICAL PERFORMANCE														
FREQUENCY (MHz)	0.772	1.0	4.0	8.0	10.0	16.0	20.0	25.0	31.25	62.5	100	200	300	350
ATTENUATION (db/100m)	1.8	2.0	4.1	5.8	6.5	8.2	9.3	10.4	11.7	17.0	22.0	32.4	41.0	44.9
NEXT LOSS (db)	67.0	65.3	56.3	51.8	50.3	47.3	45.8	44.3	42.9	36.4	35.3	30.8	28.2	27.2
PSNEXT LOSS (db)	64.0	62.3	53.3	48.8	47.3	44.4	42.8	41.3	39.9	35.4	32.3	27.8	25.2	24.2
ELFEXT LOSS (db)	66.0	63.8	51.7	45.7	43.8	39.7	37.7	35.8	33.9	27.8	23.8	17.8	14.3	12.9
PSELFEXT LOSS (db)	63.0	60.8	48.7	42.7	40.8	36.7	34.7	32.8	30.9	24.6	20.8	14.8	11.3	9.9
RETURN LOSS (db)	19.4	20.0	23.0	24.5	25.0	25.0	25.0	24.3	23.6	21.5	20.1	18.0	16.8	16.3
DELAY (ns/100m)	575.0	570.0	552.0	546.7	545.0	543.0	542.0	541.2	540.4	538.6	538.0	536.6	536.1	535.9
ACR (db)	65.2	63.3	52.2	46.0	43.8	39.1	36.5	33.9	31.2	19.4	13.3	-	-	-

NOTES: UNLESS OTHERWISE SPECIFIED

1. DESCRIPTION

- A. RATED TEMPERATURE: 75°C
- B. PRODUCT STANDARD CERTIFICATION: UL, CUL, ETL
- C. FLAME TEST: FT4
- D. INSTALLATION TEMPERATURE: -20°C ~ +75°C
- E. OPERATION TEMPERATURE: -20°C ~ +75°C
- F. STORAGE TEMPERATURE: -10°C ~ +75°C

2. PERFORMANCE

- A. RATED TEMPERATURE VOLTAGE: 75°C, 300V
- B. MAX CONDUCTOR DC RESISTANCE (OHM/KM): 93.8 @ 20°C
- C. DIELECTRIC STRENGTH: AC 500V/MIN
- D. SPART TEST 2.0KV
- E. FLAME RETARDANT TEST: CMR
- F. DC RESISTANCE UNBALANCE: 5% MAX
- G. PAIR-TO-GROUND CAPACITANCE UNBALANCE: 3300pF/KM MAX.
- H. CHARACTERISTIC IMPEDANCE: 100 ± 15 OHM, 1-350MHz
- I. STRUCTURAL RETURN LOSS: 16.3dB MIN.
- J. PROPAGATION DELAY: 535.9nS/100M MAX @ 350MHz
- K. DELAY SKEW: 45nS/100M MAX, 1-350MHz

3. CABLE COLOR: XX = BL (BLUE)

4. PACKAGING:


- A. BULK PACKAGE: 1000 FT/BOX
- B. BOX SIZE: 13.6 x 13.4 x 8.5 (in)

CABLE CONSTRUCTION		
		CMR
CONDUCTOR	SIZE	24AWG x 4P
	CONSTRUCTION	SOLID BARE COPPER
	DIAMETER (MM)	0.520±0.008
INSULATION	AVERAGE THICKNESS (MM)	0.20
	DIAMETER (MM)	0.9250±0.050
	MATERIAL	HDPE
SHIELDED	PAIR STRANDED	2 CORE STRANDED
	ASSEMBLY STRANDED	4 PAIR STRANDED
JACKETED	AVERAGE THICKNESS (MM)	0.54
	DIAMETER (MM)	5.30±0.20
	MATERIAL	PVC

PART NUMBER	DESCRIPTION
ICCABR5EBL	CAT5e 350MHz UTP SOLID CABLE, 24 AWG, 4 PAIR, CMR, 1000FT, BLUE



FILE NO. 320548

Cable, CAT5e, UTP, 24AWG, 4P, CMR, 1000ft		 Premium Products <i>Proven Performance</i> <i>Competitive Prices</i>	
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