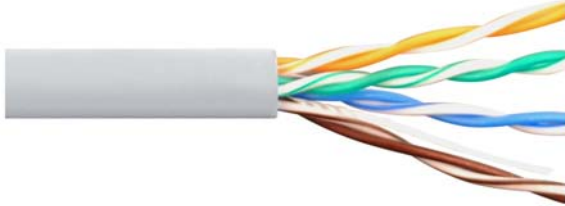


Category 5e 350MHz Riser UTP Solid Cable

Package Include:

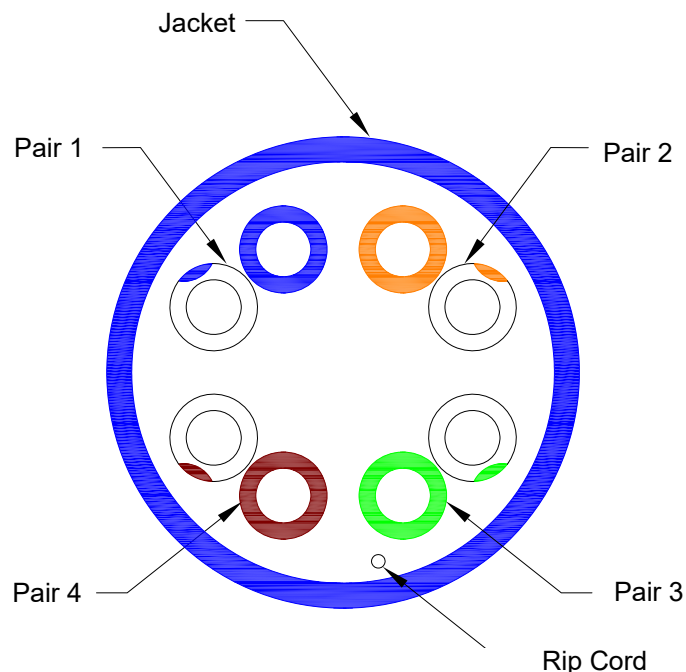
A. Category 5e UTP CMR Solid Cable, **1000 Feet**



Features and Benefits

- Exceeds TIA 568-C.2 Category 5e standard
- Easy to dispense 1000 feet 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-C.2 for guaranteed performance
- Complies to IEEE802.3bt for POE++
- UL 1863 compliant
- Available in blue, gray, green, white, and yellow

Pair 1: Blue & White/Blue
Pair 2: Orange & White/Orange
Pair 3: Green & White/Green
Pair 4: Brown & White/Brown



Part No: ICCABR5Exx

Rev: H

Page 1 of 2

I 888-ASK-4ICC | icc.com | cs@icc.com |



Category 5e 350MHz UTP Cable Electrical Performance (100 Meter Loop)															
Frequency(MHz)	1.0	4.0	8.0	10.0	16.0	20.0	25.0	31.25	62.5	100	155	200	240	300	350
Attenuation (dB/100m)	2.0	4.0	5.6	6.3	8.0	9.0	10.0	11.2	16.0	20.5	25.8	29.5	33.2	36.6	39.72
NEXT Loss (dB)	70.3	61.3	56.8	55.3	52.2	50.8	49.3	47.9	43.4	40.3	37.4	35.8	34.3	33.1	32.1
PS NEXT Loss (dB)	68.3	59.3	54.8	53.3	50.2	48.8	47.3	45.9	41.4	38.3	35.4	33.8	32.3	31.1	30.1
ACRF (dB)	67.8	55.8	49.7	47.8	43.7	41.8	39.8	37.9	31.9	27.8	24.0	21.8	19.8	18.3	16.9
PS ACRF (dB)	64.8	52.8	46.7	44.8	40.7	38.8	36.8	34.9	28.9	24.8	21.0	18.8	16.8	15.3	13.9
Return Loss (dB)	21.0	24.0	25.5	26.0	26.0	26.0	25.3	24.6	22.5	21.1	19.7	19.0	18.3	17.8	17.3
ACR (dB)	68.3	57.3	51.1	49.0	44.2	41.8	39.3	36.6	27.3	19.8	11.7	6.3	1.2	-	-
PS ACR (dB)	66.3	55.3	49.1	47.0	42.2	39.8	37.3	34.6	25.3	17.8	9.7	4.3	0	-	-

*Frequencies beyond 200MHz are for reference only

NOTE: UNLESS OTHERWISE SPECIFIED

1. Standard:

A. UL444, ISO/IEC 11801, TIA-568-C.2 CAT 5E; 2002/95/EC (RoHS)

2. Construction:

A. Size: 24 AWG

B. Conductor: Solid Bare Copper

C. Insulation: HDPE

D. Jacket: FR PVC -- Ø0.189" ±0.007 (4.8MM±0.2)

E. Rip Cord: Polyester

3. Electrical/Physical Properties:

A. Rating Temp Voltage: 75°C, 300V

B. Conductor Resistance: 9.38 OHM/100m/20°C Max

C. Mutual Capacitance: 56 pF/M Max

D. Dielectric Strength: AC 1.5 KV/2 Sec

E. Spark Test: 2.5 KV

F. Flame Retardant Test: CMR

G. DC Resistances Unbalance: 5% Max

H. AC Leakage Current through Overall Jacket: AC 1500V ≤ 10mA

I. Pair-To-Pair Capacitance Unbalanced: 330 pF/100m MAX

J. Characteristic Impedance: 1~350 MHz 100±15 OHMS

K. Propagation Delay: 350MHz 536nS/100m Max

L. Velocity of Propagation (NVP): 68% Nominal

M. Delay Skew: 1~350MHz 40nS/100m Max

N. Installation Temperature: 32° ~ 140°F

O. Operational Temperature: -4°~167°F

4. Packaging:

A. Bulk Package: 1000 Feet/Pull Box

B. Box Size: 14.14" x 8.66" x 13.78"

C. Weight: 21.6 lbs.

Part No: ICCABR5Exx

Rev: H

Page 2 of 2

I 888-ASK-4ICC icc.com cs@icc.com I

