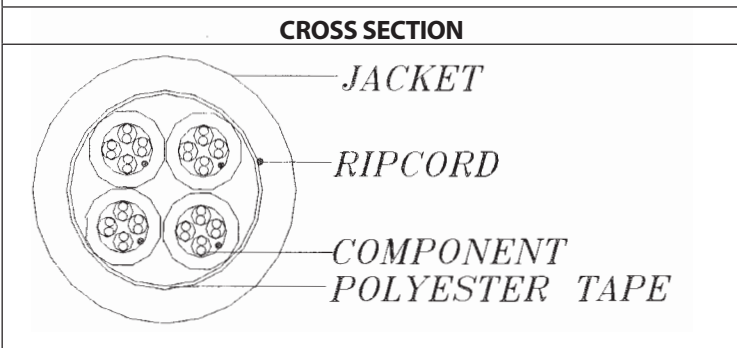


PRODUCT SPECIFICATION: Cat 5e/x4



MARKING

Jacket Marking (Black)

ICE CABLE SYSTEMS Cat 5e/x4 (4) CAT 5E 350MHZ
 E312434-22 (UL) CMR OR c(UL) CMG FT4 75C ROOM: ENT
 KIT FAM LR DR OFF POWD PAT MBR MBA BR1 BR2 BR3
 BR4 GAR GYM 1 2 3 4 5 6 "RoHS" XXX/XXX FT.
 "XXX/XXX" Stands for Length eg:500/000;496/004;492/008...

DESCRIPTION

Rated Voltage (V)	300
Rated Temperature (°C)	75°C
Product Standard Certification	(UL)CL3 OR c(UL) CMG
Flame test	FT4

Application:
 Telephone and other communication circuits such as voice, data and audio for on-premise customer systems.

Reference Standard:
 UL 444, UL 13 & the customer's specification

CONSTRUCTION

Component : (4Px4)	8Cx4
Conductor:	Solid Bare Copper
AWG	24
Construction (mm)	1/0.48
Solid Dia. (±0.005mm)	0.48
Insulation:	PE
Nom. Thickness (mm)	0.19
Insulation Dia. (±0.05mm)	0.88
Ripcord	210Dx 6 nylon thread
Jacket	PVC
Nom. Thickness (mm)	0.40
Outer Dia. (±0.10mm)	4.8
4 UTP Together:	
Shield	Polyester tape
Coverage(%)	≥125%
Ripcord	210Dx 6 nylon thread
Jacket	PVC
Nom. Thickness(mm)	0.81
Outer Dia.(±0.2mm)	13.30

Revision History

1. 11/13/2009>02/25/2010 Change the marking

CONSTRUCTION

Insulation:

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

CAT5E Component **Jacket color:**

Green (Pantone:334 U) Blue (Pantone:3005U)
 White (Pantone:White) Gray (Pantone: 430U)

Jacket:

Green(PMS:334U)

Performance

Electrical Characteristics: **(20°C)**

Voltage: 300 Volts RMS
 Temperature: -20°C to 75°C
 Dielectric Strength AC-500V/1 Min

Mechanical Characteristics:

Test Objects **Jacket**

Test Material PVC
 Before Tensile Strength (kg/mm²) ≥1.05

CAT5E COMPONENT Marking (Black)

ICE CABLE SYSTEMS CATEGORY 5E 350MHZ ETL VERIFIED TO TIA/EIA-568-B.2 CMR OR CMG 75C 24AWG 4PR UTP APP: DATA PHONE ROOM: ENT KIT NK FAM LR DR POWD OFF POO PAT MBR MBA BR1 BR2 BR3 BR4 BR5 GAR GYM OTHER WALL: N S E W JACK: 1 2 3 4 5 6 USE: KPAD TPAD LAN TEL "RoHS" XXXXXX FT "XXXXXX" Stands for Length. eg.000000;000004;000008.....P/O batch number end.



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Sample No.	-	Spec No.	51187-A
Revision	A		
Date	04/06/2007	Page	1 of 4
Designed by	Approved by		
BR	Brian Rizzo		