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REVISIONS			
REV	DESCRIPTION	DATE	APPROVAL
A	INITIAL RELEASE	3/11/14	D.FRISIELLO
B	ECN 7975: ADDED UV RATED, COLOR BLACK TO PE	6/4/15	D.FRISIELLO

CA-5EF4

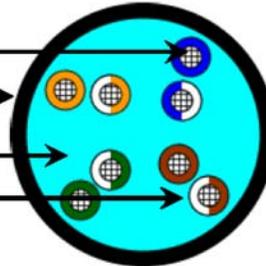
HyperLink Wireless brand CAT5e Cable

24 AWG (0.5mm) Solid Copper

Outer Jacket
PE (BLACK)

Flooding Compound

Pair Insulation
PE



Outdoor (UV) Rated
TIA/EIA 568-B.2
ISO 11801
Flooded 4 Pair Twisted
RoHS Compliant



Pair Identification

Pair 1	White (Blue) / Blue
Pair 2	White (Orange) / Orange
Pair 3	White (Green) / Green
Pair 4	White (Brown) / Brown

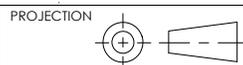
Mechanical Specification

Nominal Jacket OD	0.240"
Nominal Jacket Thickness	0.030"
Jacket Minimum Spot Thickness	0.026"
Installation Temperature	0°C to 60°C
Operation Temperature	-40°C to 70°C

Electrical Performance

Frequency (MHz)	Impedance (ohm)	RL (dB)	Attenuation (dB/100m)	Next Worst Pair (dB)	Next Power Sum (dB)	ELFEXT Worst Pair (dB)	ELFEXT Power Sum (dB)	Nominal Velocity Propagation
0.772	100±15	19.4	2.2	67.0	64.0	66.0	63.0	0.65C
1.0		20.0	2.4	65.3	62.3	63.8	60.8	
4.0		23.0	4.9	56.3	53.3	51.7	48.7	
8.0		24.5	6.9	51.8	48.8	45.7	42.7	
10.0		25.0	7.8	50.3	47.3	43.8	40.8	
16.0		25.0	9.9	47.3	44.3	39.7	36.7	
20.0		25.0	11.1	45.8	42.8	37.7	34.7	
25.0		24.2	12.5	44.3	41.3	35.8	32.8	
31.25		23.3	14.1	42.9	39.9	33.9	30.9	
62.5		20.7	20.4	38.4	35.4	27.8	24.8	
100		19.00	26.4	35.3	32.3	23.8	20.8	
155		17.8	31.3	32.7	29.7	18.3	17.3	
200		17.0	36.7	30.8	27.8	15.8	14.8	
250		16.3	39.5	29.3	26.3	13.8	12.8	

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES [mm]
OVERALL CABLE LENGTH TOLERANCE:
≤12 [305] = +1 [25] / -0
>12 [305] - 60 [1524] = +2 [51] / -0
>60 [1524] - 120 [3048] = +4 [102] / -0
>120 [3048] - 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0%
ALL OTHER DIMENSIONAL TOLERANCES:
.X = .2 [5.08]
.XX = .02 [51]
.XXX = .005 [13]



APPROVALS	DATE
DRAWN BY D.FRISIELLO	3/11/14
CHECKED BY D.GUTTADAURO	3/11/14
APPROVED BY D.GALLAGHER	3/11/14

CONFIGURATION DETAILS OF
UNDIMENSIONED FEATURES
MAY VARY

COLOR VARIATIONS
MAY OCCUR

L-com Global Connectivity
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA
01845

CATEGORY
TELECOM/MODULAR

PRODUCT DESCRIPTION
CA, CAT5e Series Cable

SIZE A	FSCM NO. 43321	DWG. NO. CA-5EF4-R1K	REV. B
SCALE: 1:1		CAD FILE: CA-5EF4-R1K.SLDDRW	SHEET 1 OF 1