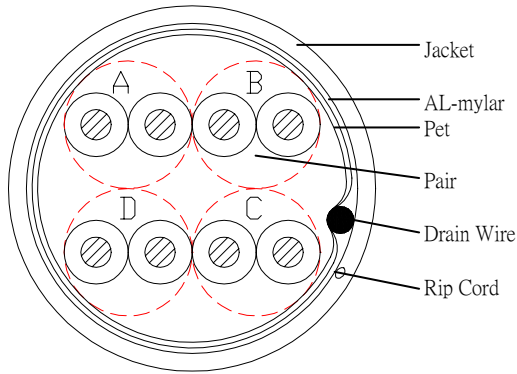


4 PAIRS 26AWG FTP

Cross Section



Marking

E154336 (UL) CM 4PR 26AWG FTP 75C --- C(UL) CM 4PR 26AWG FTP 75C --- CAT5E PATCH CABLE PCXX LTK XXXXXX M

Description

Rated Temperature (°C)	75
Rated Voltage(V)	300
Flame Test	CM

Application

The cable supports a large variety of applications, using digital signaling in central offices and in customer premises.

Available use distance 5M

Reference Standard

EIA/TIA568 & ISO/IEC 11801&YD/T926&UL 444

Construction

Conductor	Stranded Tinned Copper
AWG	26
Construction	7/0.16
Insulation	PE
Min. Thickness (mm)	0.14
Nom. Thickness (mm)	0.20
Insulation Dia. (±0.04mm)	0.88
Twist	
Direction	S
Assembly	4P
Pet Wrap(Overlapping,%)	≥25
Drain Wire	7/0.16mm Stranded Tinned Copper
AL-mylar Shield(Overlapping,%)	≥25
Jacket (With Rip Cord)	PVC
Min. Thickness (mm)	0.43
Nom. Thickness (mm)	0.55
Dia. (±0.20mm)	5.30

Color

- Pairs :
- A.Blue*White/Blue
 - B.Orange*White/Orange
 - C.Green*White/Green
 - D.Brown*White/Brown

NOT:White/Blue means: White is the base color, Blue is the ring color.

Jacket:
Per request

Sample No.:

Ref. spec No. : SK-4ECT5-007 Rev.3

Revision History

- 1.Change the marking
- 2.Change the marking, cancel rev.2

Performance

Max. Conductor DC Resistance at 20°C (Ω/km)					140
Impedance(Ω)(1~100MHz)					100 ± 15
Resistance unbalance%					5%
Pair-to-Ground Capacitance Unbalance (pF/100m)					≤330
Frequency (MHz)	RL (dB)	Attenuation (dB/100m)	NEXT (dB)	Delay Skew (ns/100m)	
0.772	19.4	2.7	67.0	***	
1	20.0	3.1	65.3	45	
4	23.0	6.1	56.3	45	
8	24.5	8.6	51.8	45	
10	25.0	9.7	50.3	45	
16	25.0	12.4	47.3	45	
20	25.0	13.9	45.8	45	
25	24.2	15.6	44.3	45	
31.25	23.3	17.6	42.9	45	
62.5	20.7	25.5	38.4	45	
100	19.0	33.0	35.3	45	

Frequency (MHz)	PSNEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	Delay (ns/100m,Max.)
0.772	64.0	66.0	63.0	575.0
1	62.3	63.8	60.8	570.0
4	53.3	51.7	48.7	552.0
8	48.8	45.7	42.7	546.7
10	47.3	43.8	40.8	545.4
16	44.3	39.7	36.7	543.0
20	42.8	37.7	34.7	542.0
25	41.3	35.8	32.8	541.2
31.25	39.9	33.9	30.9	540.4
62.5	35.4	27.8	24.8	538.6
100	32.3	23.8	20.8	537.6

Frequency (MHz)	ACR (dB)
0.772	64
1	63
4	50
8	43
10	41
16	35
20	32
25	29
31.25	25
62.5	13
100	2

Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
Before Tensile Strength (kg/mm ²)	≥ 13.8
Aging Elongation (%)	≥ 100
Aging Condition (°C)	100X240hr
After Tensile Strength (Mpa)	≥ 85%(of original)
Aging Elongation (%)	≥ 50%(of original)
Cold Bend Radius(-20°C X4hr)	no crack



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A BELDEN COMPANY

- LTK Electric Wire (Huizhou) Ltd.
- Dalian LTK Electric Wire Ltd.
- LTK Industries (Suzhou) Ltd.
- LTK Cable (Chongqing) Ltd.

Prepared by: JOVEN 27-Mar-07 Form No.:TFA046 Form Rev.: 4
Approved by: CICI 27-Mar-07 Page 1 of 1