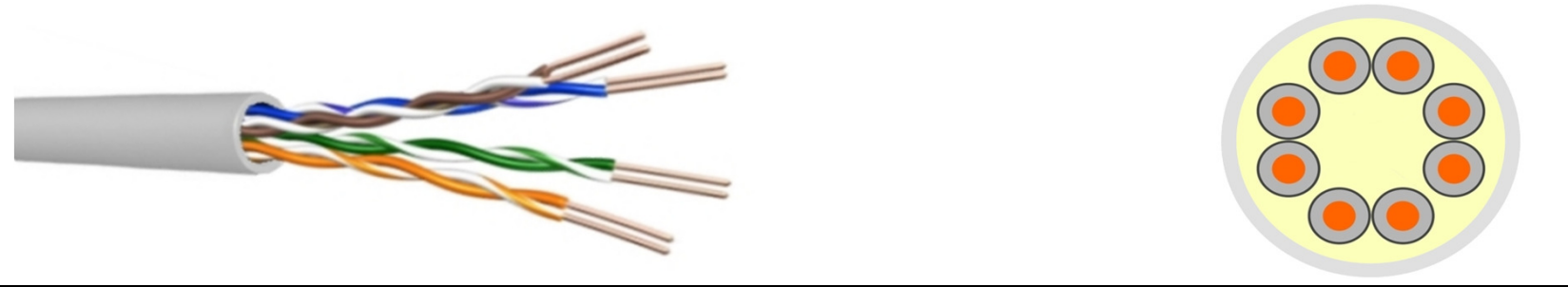


Details



Packaging



Standard Compliances

- 1 **ANSI/TIA**
 - ANSI/TIA-568-C.2 Cat.5e
- 2 **ISO/IEC**
 - IEC 11801 Edition 2 Class D
 - IEC 61156-5
 - IEC 60332-1-2 (Flame Retardancy)
- 3 **CENELEC**
 - EN 50288-3-1

Approvals

- 1 **CPR**
 - EN 50575 : 2014
 - Classification: Eca
- 2 **RoHS & REACH**
 - 2011/65/EU
- 3 **UL**
 - CMX(UL) C(UL) CMH E164469-XX

Construction & Characteristics

- 1 **Conductors**
 - Pairs: 4x (4x2)
 - AWG: AWG24
 - Material: Bare copper, Solid
- 2 **Insulation**
 - Material: HDPE
 - Thickness: 0.182mm (nomimal)
 - Diameter: 0.863mm (nomimal)
 - Colors: Orange/White Orange, Green/White Green
Blue/White Blue, Brown/White Brown
- 3 **Jacket**
 - Material: Flame Retardant PVC
 - Thickness: 0.5mm (nomimal)
 - Diameter: Ø 5.0mm (± 0.2mm)
 - Color: Light Grey
- 4 **Marking**

EECONN CAT.5E U/UTP PVC SOLID 24AWGX4P
ANSI/TIA-568-C.2 & ISO/IEC 11801 ED.2 CLASS D
IEC 61156-5 | EN 50288-3-1 | IEC 60332-1-2 | EN 50575:2014
CMX(UL) C(UL) CMH E164469-XX | XXXM

Electrical Performances

Attenuation & Near End Cross Talk			
Frequency MHz	Max. Attenuation dB/100 meters	NEXT dB, Min.	PSNEXT dB, Min.
1 MHz	02.0	65.3	62.3
4 MHz	04.1	56.3	53.3
8 MHz	05.8	51.8	48.8
10 MHz	06.5	50.3	47.3
16 MHz	08.2	47.2	44.2
20 MHz	09.3	45.8	42.8
25 MHz	10.4	44.3	41.3
31.25 MHz	11.7	42.9	39.9
62.50 MHz	17.0	38.4	35.4
100 MHz	22.0	35.3	32.3
125 MHz	24.9	33.8	30.8
Impedance	772 kHz 1~125 MHz	: 102Ω ± 15%	
Dilcetric Strength of Insulation		: 100Ω ± 15%	
Insulation Resistance Test		: 2500 V dc / 2 seconds	
Conductor Resistance		: Min. 5000 MΩ·Km	
Resistance Unbalanced		: Max. 9.38 Ω/100m at 20°C	
Capacitance Unbalanced		: Max. 2%	
Mutual Capacitance		: Max. 160 pF/100m	
		: Max. 5600 pF/100m	

Part number	Description
S14D-000-01700	EECONN, Cat5e U/UTP Cable, Solid (Horizontal Cable), AWG24, Jacket: PVC, Color: Light Grey, Ring: 50 meter
S14D-000-01701	EECONN, Cat5e U/UTP Cable, Solid (Horizontal Cable), AWG24, Jacket: PVC, Color: Light Grey, Box: 100 meter
S14D-000-01703	EECONN, Cat5e U/UTP Cable, Solid (Horizontal Cable), AWG24, Jacket: PVC, Color: Light Grey, Box: 305 meter

Standard wiring according TIA 568 B			
1	2	3	White/Orange
2	3	6	Orange
3	6	1	White/Green
6	1	2	Green
4	5	4	Blue
5	4	5	White/Blue
7	8	7	White/Brown
8	7	8	Brown