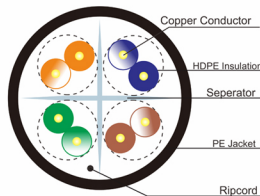


HC-CAT6E/CUO300

4 pair 24 AWG solid cable, 300m



KEY FEATURES

- > ANSI/TIA 568-2.D category 6 verified
- > Complies with ISO/IEC 11801 2nd Ed. category 6
- > PE Jacket
- > Reach & RoHS 2 compliant
- > Supports PoE up to 100 Watts

SPECIFICATIONS

CONSTRUCTION

- Conductor Size:** 24 AWG
- Conductor Material:** 99.99% copper
- Pair Count:** 4 Pairs
- Overall Cable Diameter:** 5.8 ± 0.2mm
- Packaging:** 300m
- INNER PULL BOX SIZE:** 39X39X22CM

ELECTRICAL

- Maximum Delay Skew:** 45 ns/100 m
- Input Impedance:** 100 ± 15 Ohm (1-100 MHz)
100 ± 15 Ohm (101-250 MHz)

ELECTRICAL CHARACTERISTICS

Electrical characteristics									
Frequency MHz	Impedance Ohm	RL ≥dB	Attention ≤ dB/100m	NEXT ≥ dB/100m	ELFEXT ≥ dB/100m	PS NEXT ≥ dB/100m	PS ELFEXT ≥ dB/100m	Delay Skew ns/100m	NVP
1	100±15	20.0	1.9	74.3	67.8	2.4	64.8	≤45	69%
4		23.0	3.7	65.3	55.8	63.3	57.7		
10		25.0	5.9	59.3	47.8	57.3	44.8		
16		25.0	7.5	56.3	43.7	54.3	40.7		
20		25.0	8.4	54.3	41.8	52.8	38.7		
31.25		23.6	10.6	51.9	37.9	49.9	34.9		
62.5		21.5	15.4	47.4	31.9	45.4	28.8		
100		20.1	19.8	44.3.3	27.8	42.3	24.8		
155		18.8	25.1	41.4	23.9	39.4	20.9		
200		18.0	29.0	39.8	21.8	37.8	18.7		
250	17.3	32.8	38.3	19.8	36.3	16.8			
* 350	100±20	16.3	39.8	36.1	16.9	34.1	13.9		
* 400		15.9	43.0	35.3	15.7	33.7	12.7		
* 450	100±22	15.5	46.3	34.5	14.7	32.5	11.7		
* 500		15.2	48.9	33.8	13.8	31.8	10.8		
* 550		14.9	51.8	33.2	12.9	31.2	9.9		

1: ANSI/TIA-568.2-D horizontal cable transmission performance limits
 2: HI-VIEW guaranteed performance
 3: Calculated, ACR=NEXT-IL
 4: Calculated, PSACR=PSNEXT-IL
 5: Pass Perm. Link 90m