



Model	HC-CAT5E/CUI300
Construction	0.45+-0.01mm
Material	Bare Solid Copper ≥99.99 CU
Inner Conductor	24 AWG
<b>Insulation</b>	
Material	NEW HDPE
Proportion	NA
Outside Diameter	0.85 ± 0.05 mm.
Average Thickness	0.20 mm
Color	1p: blue stripe + white + blue stripe & blue 2p: orange stripe + white + orange stripe & orange 3p: green stripe + white + green stripe & green 4p: brown stripe + white + brown stripe & brown
Standard	EN 50290-2-23 UL444
<b>Pair Twist</b>	
Lay & Direction	1p: S=20.0 mm (28%) 2p: S=17.5 mm (24%) 3p: S=22.0 mm (32%) 4p: S=15.5 mm (21%)
<b>Inner Assemble</b>	
Lay & Direction	S=90 ± 5 mm
Cross Member	NA
<b>Filler</b>	
Ripcord	250D*3
Material	Polyester
<b>Jacket</b>	
Material	Flame retardant PVC
Hardness	81 ± 3 A
Outside Diameter	4.8 ± 0.2 mm

Model	HC-CAT5E/CUI300
Average Thickness	0.50 ~ 0.53 mm
Color	Grey
Marking Color	Black
Standard	EN 50290-2-27 UL444
<b>Standard</b>	
Fire Performance	EN60332- 1-2 GB T 18380. 12
Electrical Performance	ANSI / TIA-568 .2 - D ISO / IEC 1 1801 IEC 61156-5 EN 50173 NF EN 50289-1-2 IEC 60189- 1 NF EN 50289- 1-2 IEC 60708 NF EN 50289-1-3 IEC 61196- 1-105 NF EN 50289-1-4 IEC 60885- 1 NF EN 50289- 1-5 IEC 60189- 1 NF EN 50289- 1- 11 IEC 61156- 1 UL444
Mechanical Performance	NF EN 60811-1-1 (IEC 60811-501)
<b>Environment</b>	
Working Temperature	Range -20°C to +75°C (static)