

## HCS CopperLine Category 6A

### U/FTP 100 Ohm Horizontal Indoor LAN Cables

#### Description

4 & 8 pair U/FTP cables	
Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568.2-D (solid colors)
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	LS0H

#### Standards, EU Directives and Regulations Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568.2-D
- 500MHz cable according to EN 50288-10-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU Regulation 305/2011 (CPR):  
Various classifications available upon request.

#### Mechanical & Electrical Properties

Pulling force	50 N/mm <sup>2</sup> max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.



#### Ordering Information

Description	Color	Flame Test	OD mm	Weight kg/km	P/N
4-Pair 23 AWG U/FTP CAT6A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.0	48	11F6AHA004N-GYxx-yy
4-Pair 23 AWG U/FTP CAT6A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3	52	11F6AHC004N-GYxx-yy
8-Pair 23 AWG U/FTP CAT6A LS0H-1 Cable	Gray RAL 9002	IEC 60332-1	7.0x14.0	96	11F6AHA008N-GYxx-yy
8-Pair 23 AWG U/FTP CAT6A LS0H-3 Cable	Gray RAL 9002	IEC 60332-3-24	7.3x14.6	104	11F6AHC008N-GYxx-yy

Packaging options (xx): 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.  
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.