CABLE CAT.6 S/FTP PE – 23AWG - DATASHEET

Posted on 26-06-2024 by barpaadminuser

ENTERPRISE/DATA CENTER COPPER CABLE
CAT6 S/FTP - PE - 23 AWG - 0,56mm

DESCRIPTION

Performance specified up to 250MHz and tested up to 550MHz. Decreasing length cable markings - Easy identification of remaining cable reduces installation time and cable scrap. Designed to Support all Class E protocols including 1GBASE-T. S foil to improve the cable performance. Support PoE, voice, video and Gigabit Ethernet.





1. Outer Jacket
2. Rip-cord
3. Drain Wire
4. Braid
5. Aluminum Foil

APPLICABLE STANDARDS

Electrical Performance

- ISO/IEC 11801 • ISO/IEC 61156-5 • EN 50173 • EN 50288-5-1
- ANSI/ TIA-568-D

PoE

- IEEE 802.3bt PoE Type 1, 2, 3 and 4



CABLE PROPERTIES

Category		CAT6 S/FTP		
Conductor	Material	Solid Bare Copper Copper		
	Nom O.D.	0,56 ± 0,005 mm		
		0,022 in		
Insulation	Material	Skin-foam-skin PE		
	Diameter	1,330 ± 0,05 mm		
		0,052 in		
Sheath	Thickness	0,55 ± 0,05 mm		
		0,022 in		
	External O.D.	7,6 ± 0,5 mm		
		0,299 in		
	Material	LDPE (complies RoHS)		
	Color	Black (RAL9005)		
Rip-cord		Yes		
Core Color	Pair 1	White & Blue / Blue	Pair 2	White & Orange / Orange
	Pair 3	White & Green / Green	Pair 4	White & Brown / Brown

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datasheet nº b12_6 | date: 04/25
approved by: Ana Barbosa