

CABLE CAT.6A U/FTP SWA – LSZH-PE – 23 AWG – DATASHEET

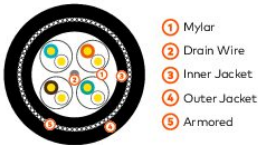
Posted on 08-07-2025 by barpaadminuser



COPPER CABLE CAT6A U/FTP
SWA LSZH-PE - 23 AWG - 0,56mm

DESCRIPTION

Performance specified up to 500 MHz.
Foil shielding on each pair (U/FTP) to reduce crosstalk and external interference.
Supplied with decreasing length cable marking for easy identification and reduced installation time and waste
Designed to support all Class EA protocols including 10GBASE-T. Suitable for PoE, PoE+, PoE++ and 4PPoE applications.
Steel wire armouring (SWA) provides mechanical protection for direct burial and harsh environments.



APPLICABLE STANDARDS

Electrical Performance
• ISO/IEC 11801 • EN 50173 • EN 50174 • ANSI/TIA-568-D.2
PoE
• IEEE 802.3bt PoE Type 1, 2, 3 and 4

CONSTRUCTION

Category		CAT6A U/FTP			
Conductor	Material	Solid Bare Copper			
	Nom O.D.	0,560 ± 0,005 mm			
		0,022 in			
Insulation	Material	Foamed PE			
	Diameter	1,34 ± 0,05 mm			
		0,053 in			
Outer Sheath	Thickness	1,8 ± 0,20 mm			
		0,071 ± 0,020 in			
	External O.D.	11,9 ± 0,60 mm			
		0,469 ± 0,024 in			
	Material	PE (complies RoHS)			
	Color	Black (RAL9005)			
Inner Sheath	External O.D.	8,10 ± 0,50 mm			
		0,319 ± 0,020 in			
	Material	LSZH			
	Color	Black (RAL9004)			
Armor	Thickness	0,9 mm			
	Material	Galvanized Steel Wire Spiral			
	Coverage	≥90%			
Rip-cord		No			
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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