

CABO CAT.6A U/FTP SWA – LSZH-PE – 23 AWG – FICHA TÉCNICA

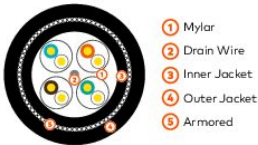
Posted on 08-07-2025 by barpaadminuser



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	

This document is authored and owned by barpa. It is forbidden to reproduce in whole or in part without mentioning its authorship, as well as modification of its content or context. All specifications are subject to change without notice.
The pictures/drawings are merely illustrative.
More information: info@barpa.eu or in www.barpa.eu
datasheet n° b194_0 | date: 06/25
approved by: Ana Barbosa

