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

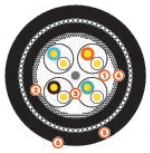
*Posted on 08-07-2025 by barpaadminuser*

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

## DESCRIPTION

Robust SWA armouring for direct burial and mechanical protection in harsh environments. Performance specified up to 500 MHz. Individual foil shielding on each pair with overall aluminium braid (S/FTP) for enhanced EMI protection. Supplied with decreasing length cable marking for easy identification and reduced installation time and waste.





1. Mylar
2. Braid
3. Drain Wire
4. Inner Jacket
5. Outer Jacket
6. Armored

## 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

UV RESISTANT · 25 YEARS WARRANTY · PE · OUTDOOR · 23 AWG · ROHS · CE

## CONSTRUCTION

| | | | | |
|---|---|---|---|---|
| Category | | CAT6A S/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. | 12,0 ± 0,60 mm | | |
| | | 0,472 in ± 0,019 in | | |
| | Material | PE (complies RoHS) | | |
| | Color | Black (RAL9005) | | |
| Inner Sheath | External O.D. | 8,20 ± 0,50 mm | | |
| | | 0,323 ± 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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