



Low Smoke Zero Halogen Cat6a S/FTP Data Networking Cable

4 x 2 x 23AWG Cores • Foil & Braid Screening • NEK606 Over-Sheath



Document Information

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Cable Construction

Conductor
 23 AWG Solid Plain Annealed Copper

Insulation
 PE (Polyethylene)

Twisting
 2 Cores Twisted Together to Form a Pair

Screen
 Aluminium/Polyester Tape Screen

Lay Up
 4 Individually Screened Pairs Laid Up and In Contact with Communal Solid Tinned Copper Drain Wire

Collective Screen
 Tinned Annealed Copper Wire Braid Screen

Inner Sheath
 Extruded LSZH (Low Smoke Zero Halogen) SHF1

Outer Sheath
 Extruded XL-LSZH (Mud Oil Resistant Crosslinked Low Smoke Zero Halogen) to NEK 606 and IEC 60092 SHF2

Colours & Identification

Pair Identification
 In accordance with TIA/EIA 598-C

Inner sheath Colour
 Grey

Outer sheath Colour
 Black

Properties & Standards

Temperature
 Operating Temperature Range -20°C to +75°C

Fire Performance
 Flame Retardance IEC 60332-1-2
 Flame Retardance IEC 60332-3-22 (Cat A)
 Halogen Gas Content IEC 60754-1
 Gas Acidity IEC 60754-2
 Smoke Emission IEC 61034

Nominal Dimensions

Conductor Gauge	23	AWG
Outer Sheath Diameter	9.80	mm

*Cable sourced from a Leigh Cables partner