REXEL CABLE SOLUTIONS

MPN: 6944LSH-6.0

Product Name: 6944LSH-6.0 6.0mm² Black LSZH/SWA/Basec Cable 4-Core 1m

Brand: Commodity Cables

Category: Steel Wire Armoured (SWA)

Product Description: This product is cut to specification. Hence when ordering, a multiple of 1 needs to be entered. 6944LSOH6.0 is an Armoured Cable made up of a class 2 plain stranded copper conductor complete with XLPE insulation and PVC sheathing, suitable for industrial wiring and mains distribution where smoke and toxic emission would pose a major hazard.

Key Features:

- Cable Size: 6mm²
- No. of cores: 4
- CPR Compliant
- BASEC-Approved
- Material: LSZH

Specifications:

- Designation voltage U0/U (kV) 0,6/1
- Diameter of conductor (mm): 3.1
- Maximum D.C. resistance at 20 °C (ohm/km) 3.08
- Short-circuit temperature (°C) 250

ETIM Class-9.0: Power cable >= 1 kV, for fixed installations (EC003251)

ETIM Features:

- Conductor material: Copper (EV000138)
- Conductor surface: Bare (EV000899)
- Nominal cross-sectional area of conductor (mm²):6
- Conductor category: Class 2 = stranded (EV004200)
- Shape of conductor: Round (EV000167)
- Number of cores:4
- Core insulation material: Polyolefin (EV001108)
- Specification core insulation: Other (EV000154)
- Core identification: Colour (EV000207)
- Screen: No
- Lead sheath: No
- Concentric conductor: None (EV000494)
- Sheath material: Polyolefin (EV001108)
- Sheath material specification: Other (EV000154)
- Sheath colour: Black (EV000206)
- Halogen free according to IEC 60754-2: No
- Outer diameter approx. (mm):17.2
- Max. conductor temperature (°C):90
- Permitted cable outer temperature during assembling/handling (°C):0 - 80
- Nominal voltage U0 (kV):600
- Nominal voltage U (kV):1000

Applications:

- Power distribution in buildings, industrial plants, and infrastructure projects
- Underground installations in ducts, tunnels, and direct burial applications
- Industrial automation systems for control and instrumentation circuits
- Renewable energy projects such as solar farms and wind power installations
- Marine and offshore applications including shipbuilding and offshore platforms.
- Transportation infrastructure projects like railway networks, subway systems, and airports

Standards:

- BS 6724