



MPN: 6945XLH-6.0

Product Name: 6945XLH 6.0mm² Black PVC XLPE/SWA/Basec Cable 5-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. Armoured Cable suitable for industrial wiring and mains distribution. Designed for installation in duct, clipped directly to a surface, on tray, in basket or in free air they may also be laid direct in ground in free draining soil or embedded in concrete.

Key Features:

- Cable Size: 6.0mm²
 - No. of cores: 5
 - CPR Compliant
 - BASEC-Approved
 - Material: PVC
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Specifications:

- Designation voltage U0/U (kV) 0,6/1
- Diameter of conductor (mm) 3.15
- Maximum D.C. resistance at 20 °C (ohm/km) 3.08
- Maximum operating temperature (°C) 90

ETIM Class-9.0: Power cable < 1 kV, for fixed installations (EC003248)

ETIM Features:

- Conductor material: Copper (EV000138)
- Nominal cross-sectional area of conductor (mm²):6
- Conductor Diameter (mm):6
- Number of cores:5
- Core colour: Black (EV000206)
- Sheath colour: Black (EV000206)

Applications:

- Power distribution in industrial facilities and commercial buildings
- Underground wiring in tunnels, subways, and mining operations
- Industrial automation systems in manufacturing plants and refineries
- Renewable energy projects such as solar farms and wind power plants
- Marine and offshore applications including shipbuilding and offshore platforms
- Infrastructure projects like railway networks, airports, and telecommunications installations

Standards:

- BS 5467



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