



MPN: 6945XLH-25.0

Product Name: 6945XLH 25.0mm² Black PVC XLPE/SWA/Bassec 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. 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: 25.0mm²
- Number of cores: 5
- CPR Compliant
- BASEC-Approved
- Material: PVC

Specifications:

- Conductor Operating Temp. up to 90 °C
- Conductor Short Circuit Temp. up to 250 °C
- Conductor Max. DC Resistance at 20°C: 0.727 Ω/km
- Conductor Max. AC Resistance at 90°C: 0.9273 Ω/km
- Conductor Short Circuit Current for 1 sec.: 3.6 Ka
- Rated Current (laid in Air) *: 136A
- Rated Current (laid in Duct) *: 116A
- Rated Current (laid in Ground) *: 154A
- Conductor: 25 mm² Circular Stranded Compacted Annealed Copper (Class 2)
- Insulation: XLPE (GP 8)
- Filling: Polypropylene Filler
- Tape: Binder Tape

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

Applications:

- For outdoor and indoor fixed installations and it's normally used for power distribution in urban networks and industrial plants.
- Suitable for laying underground directly or in ducts or on trays in free air.
- 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 5467
- BS EN 60228



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