



MPN: 694/12XLH-2.5

Product Name: 694/12XLH 2.5mm Black PVC XLPE/SWA/Basec Cable 12-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.

Key Features:

- Cable Size: 2.5mm²
- Number of cores: 12
- CPR Compliant
- BASEC-Approved
- Material: PVC

Specifications:

- Approximate Outer Diameter: 21mm
- Approximate Cable Weight Kg / Km: 841
- Minimum Bending Radius: 168mm
- Maximum Conductor DC Resistance at 20 °C Ω / Km: 7.41
- Conductor AC Resistance at Maximum Operating Temperature at 50Hz Ω / Km: 9.45
- Conductor Short Circuit Current for 1 sec: 0.36 KA
- Conductor: Stranded Plain Copper Conductor according to IEC 60228 Class 2
- Insulation / Temperature: Cross Linked Polyethylene according to IEC 60502-1 (XLPE) / 90°C
- Bedding Before Armouring: PVC Sheathing Flame Retardant / 90°C / Black

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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