



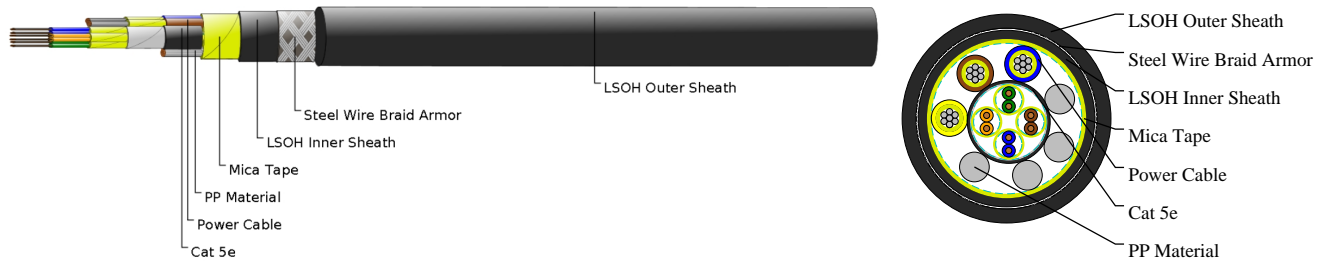
Caledonian

Composite Cables

www.caledonian-cables.com

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Cat5e+3x2.5 Power Cable SWB LSZH Sheathed Fire Resistant & Mud Resistant Composite Cable



FIRE PERFORMANCE

Low Smoke Capacity	IEC61034-1/2
Halogen Free	IEC60754-1/2
Flame Propagation	IEC60332
Fire Resistant	IEC60331-21

CABLE CONSTRUCTION

CAT5E 4x2x24AWG

Conductor: Solid copper conductor

Insulation: Polyethylene/Silicone Rubber

Fire Barrier: Mica tape

Sheath: FRLSZH sheath. Nominal outer diameter 9.5mm

Sheath Color: Black

3x2.5mm² Power Cable

Conductor: 2.5mm² Stranded tinned copper wire

Fire Barrier: Mica tape

Insulation: XLPE. Nominal outer diameter 5mm

Insulation Color: Blue, Brown and Green/Yellow

Element Assembly

Filler: PE or PP material

Fire Barrier: Mica tape

Inner Sheath: Black FRLSZH, thickness 1mm

Armor: Galvanized steel wire braid, coverage 95%

Outer Sheath: FRLSZH, thickness 1.6mm, nominal outer diameter 23.0±1.5mm

Sheath Color: Black

PHYSICAL AND THERMAL PROPERTIES

Electrical and Physical Properties@20°C:

Power Cable



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Electrical Resistance: 12.10hm/km

Insulation Resistance: ≥ 5500 MOhm \times km

Element Assembly:

Min Bending Radius: 420mm

Operating Temperature: -30°C/+80°C