



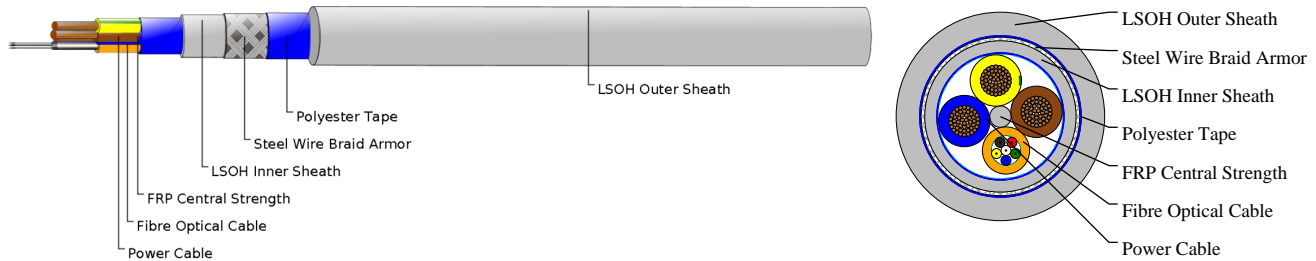
Caledonian

Composite Cables

www.caledonian-cables.com

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3x2.5 Power Cable+6C Optical Fibre Cable SWB LSZH Sheathed Composite Cable



FIRE PERFORMANCE

Flame Propagation	IEC60332-1
Low Smoke Capacity	IEC61034-1/2
Halogen Free	IEC60754-1/2

CABLE CONSTRUCTION

3x2.5mm² Power Cable (around central member)

Conductor: 50/0.25mm Stranded bare copper wire

Insulation: XLPE. Thickness is 0.86mm. Outer diameter 3.5mm

Insulation Color: Blue, Brown and Green/Yellow

6C Optic Fiber Cable

No of fibers in loose tube: 6 fibers

Loose tube: Outer diameter: 3.5mm (PE or PVC Sheath would be used over the loose tube if necessary)

Element Assembly

Wrapping Tape: Polyester tape

Inner Sheath: Grey LSZH, thickness 0.8mm

Armor: Steel wire braid, coverage 99%

Wrapping Tape: Polyester tape

Sheath: LSZH, thickness 1.6mm, nominal outer diameter 16.2mm

Sheath Color: Grey

PHYSICAL AND THERMAL PROPERTIES

Electrical and Physical Properties @20°C(Power Cable):

Max. Electrical Resistance: 7.98Ω/km

Insulation Resistance: ≥5500 MΩ·km

Dielectric Strength: 1500V/1'

Physical Characteristic:

Min Bending Radius: 240mm



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Operating Temperature: -35°C/+80°C