



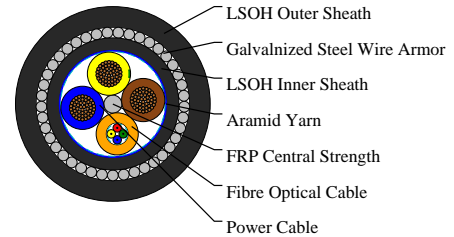
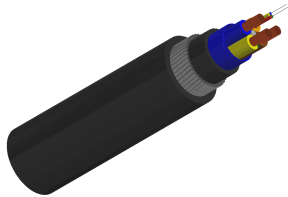
Caledonian

Composite Cables

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3x2.5 Power Cable+4C Fiber Optic Cable SWA 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

Conductor: 50/0.25mm Stranded bare copper wire

Insulation: XLPE. Thickness is 0.7mm. Outer diameter 3.5mm

Insulation Color: Blue, Brown and Green/Yellow

4C Optic Fiber Cable, G652D (around central member)

No of fibers in loose tube: 4 fibers

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

Element Assembly

Central Strength Member: Steel wire central strength member with PE coating if necessary

Strength Member: Aramid yarn helically is applied over cable core.

Inner Jacket: LSZH, thickness is 1.0mm

Armor: Galvanised steel wire armour, Outer diameter: 0.9mm

Sheath: LSZH, thickness is 1.6mm, nominal outer diameter 17.0mm

Sheath Color: Black

PHYSICAL AND THERMAL PROPERTIES

Mechanical Properties:

Tensile load:

Short term: 600N

Long term: 1500N