



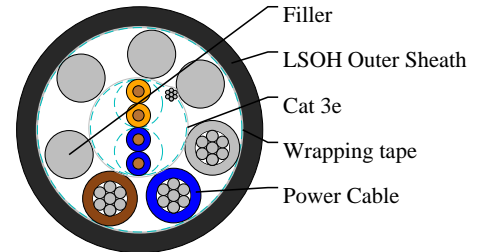
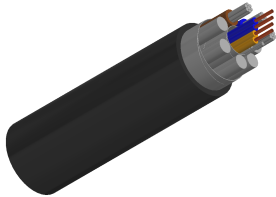
# Caledonian

Composite Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

## Cat3e+3x16AWG Power Cable LSZH Sheathed Unarmored Composite Cable



### FIRE PERFORMANCE

Flame retardant	IEC60332 -1
-----------------	-------------

### CABLE CONSTRUCTION

#### CAT3E 2x2x24AWG

Conductor: 1/1.5mm Solid copper conductor

Insulation: Polyethylene, nominal thickness 0.2mm

Color: 1st Pair: Blue White / Blue Stripe 2nd Pair: Orange White / Orange Stripe

Overall screen: 100% Al/polyester foil screen with 0.5mmsq tinned copper drain wire. A 23 micron polyester tape is applied over the screening tape with a minimum 25% overlap, Nominal outer diameter 3.15mm

#### 3x16AWG Power Cable

Conductor: 7/0.49mm stranded tinned copper wire

Insulation: XLPE. Nominal thickness 0.6mm, overall diameter 2.7mm

Insulation Color: Blue, Brown and Grey, or as per client's requirement

#### Element Assembly

Wrapping Tape: Polyester tape or woven tape with PE or PP material filler(optional)

Outer Sheath: LSZH, thickness 1.2mm, nominal outer diameter 10.6±2.0mm

Sheath Color :Black

### PHYSICAL AND THERMAL PROPERTIES

Electrical and Physical Properties @20°C:

#### Power Cable

Temperature rating: -20 to +90 °C

Minimum bending radius: 6 x Overall diameter

Nom. conductor resistance at 20 °C:

Power core: ≤14.7Ohm/Km

Data core: ≤89.3 Ohm/Km

Rated voltage: 300V

Test voltage: 1000V