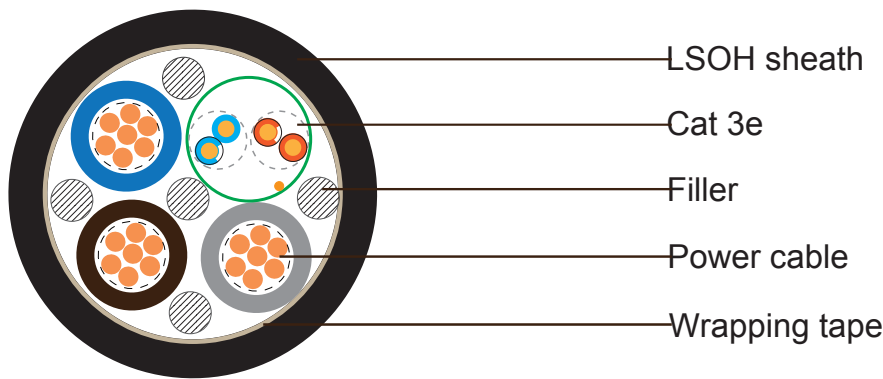




Cat3e+3x16AWG Power Cable LSZH Sheathed Unarmored Composite Cable

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



Composite Cables

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

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

Fire Performance:

Flame retardant: IEC60332 -1