

FLEX-SY-(St)-LSOH-JB 4x1.5 mm²



Constructional Properties

Conductor: Stranded annealed copper wires (Class 5)

Insulation: Halogen Free Flame Retardant Compound (HFFR/LSZH/LSOH/FRNC)

Core Identification: Brown-Black-Grey-Yellow/green

Lay-up: Cores stranded in layers

Seperator+Screen: PET Foil + ALPET Foil

Inner Covering / Sheath: Halogen Free Flame Retardant Compound (HFFR/LSZH/LSOH/FRNC)

Inner Cov/Sh. Color: RAL9005-Black

Armour: Galvanized Steel Wire Braid 60% Coverage Rate

Sheath: Halogen Free Flame Retardant Compound (HFFR/LSZH/LSOH/FRNC)

Cable Colour: RAL9005-Black

Standard: with reference to VDE 0245

Technical Properties (20°C)

Operating Voltage: 300/500 V

Test Voltage: 2 kV

Operating Temp. Fixed: -30°C...+70°C

Installation Temperature: -10°C...+70°C

Flame Propagation: IEC 60332-1-2, IEC 60332-3-24

Smoke Density: IEC 61034-1/2

Corrosive Gases: IEC 60754-1/2

Min. Bending Radius: 12 x Cable Diameter

Marking

Kabeltec [DESCRIPTION] RoHS CE [LOT NO] [METER MARK]

Cable Diameter (±%5)

[mm]

10.7

Max. Conductor Resistance

[Ohm/km]

13.3

Copper Weight (Approx.)

[kg/km]

54

Cable Weight (Approx.)

[kg/km]

193

