

FLEX-SY-(St)-LSOH-JB 4x2.5 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]	Max. Conductor Resistance [Ohm/km]	Copper Weight (Approx.) [kg/km]	Cable Weight (Approx.) [kg/km]
12.4	7.98	89	272

