



Siechem BS 3GKW (EN 50264-3-2) Multi Core, Screened, 600/1000V AC, 900V DC, EBXL 125°C FS Rolling Stock Cable

Application

- ✓ For mechanically protected installation in Rail / Bus and other transport vehicles.
- ✓ Cables are used in Driver desks, Control panels, wiring harness in inside/outside the moving vehicles.

Product Construction

- ✓ Conductor : Flexible Tinned Copper Conductor Class 5. to EN 60228
- ✓ Flame Barrier : Pologophite Tape
- ✓ Insulation Inner layer : RADOX EI 110 - White
- ✓ Insulation Outer layer : RADOX EI 109 - Black
- ✓ Flame Barrier : Pologophite Tape
- ✓ Braid : Tin Plated Copper Braid
- ✓ Flame Barrier : Pologophite Tape
- ✓ Outersheath : EBXL - EM 104 - Black
- ✓ Colour : Black or as per customer order

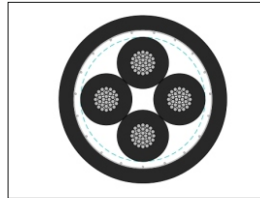
Technical Data

- ✓ Rated Voltage : 600/1000V AC
- ✓ Max. Permissible Voltage : 900/1500 V DC
- ✓ Test Voltage : 3500 V AC
- ✓ Temperature Range : -50°C to +125°C
- ✓ Min. Bending Radius :
Fixed installation ≤ 12mm : 3 x Cable OD
Fixed installation > 12mm : 4 x Cable OD
Moving ≤ 12mm : 4 x Cable OD
Moving > 12mm : 5 x Cable OD
- ✓ Fire Protection : EN 45545-1
- ✓ Hazard level ≈ HL3
- ✓ Flame Propagation : EN 60332-1-2
EN 60332-3-24, 25
EN 50305

Features

- ✓ Excellent resistance to high and low temperature.
- ✓ Outstanding Flame retardant.
- ✓ Halogen free.
- ✓ Thin walled with excellent flexibility.
- ✓ Resistance to oil, fuel, ozone and weathering.
- ✓ Easy to strip.
- ✓ Low smoke density.
- ✓ Soldering iron resistant.
- ✓ Electron Beam Cross Linked.
- ✓ Resistance to corona effect.

2D View



Approvals Accreditations Certifications



Part Number	No. of cores x Cross Section (Nos) x (mm ²)	Max. Conductor Diameter (mm)	Max. Conductor Resistance at 20°C (Ω/km)	Nom. Core Diameter (mm)	Max. Diameter Over Screen (mm)	Outer Diameter (Nom) (mm)	Cable Weight approx. (Kg/Km)
D8710602	2 x 0.5	0.93	40.1	2.50	5.56	7.1 ± 0.3	85
D8711002	2 x 1.0	1.32	20.0	2.95	6.61	8.15 ± 0.3	107
D8711302	2 x 1.5	1.6	13.7	3.40	7.51	8.95 ± 0.3	125
D8711604G	4G x 2.5	2.0	8.21	3.85	10.21	12.30 ± 0.4	237
D8711904	4 x 4.0	2.6	5.09	4.20	10.91	13.0 ± 0.4	317

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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