



Siechem BS EN 50264-3-1 Single Core, Sheathed, 3600/6000V AC, 5400V DC, EBXL 90°C 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.

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.

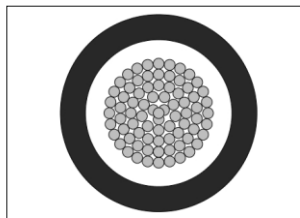
Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Class 5.
- ✓ Insulation : EBXL - EI109
- ✓ Outersheath : EBXL - EM 104
- ✓ Colour : Black or as per customer order.

Technical Data

- ✓ Temperature Range : -40°C to +90°C.
 - ✓ Rated Voltage : 3600/6000V AC
 - ✓ Specification : BS EN 50264-3-1
 - ✓ Hazard Level Classification as per EN 45545-2, HL3
- Conductor : BS EN 60228, Class 5
 In addition to BS EN 50264 spec, cables also meet fire performance tests as per
 UNI CEI 11170-3
 DIN 5510-2
 NF F 16-101
 CEN / TS 45545

2D View



		ISO 9001	ISO 14001	AS 9100	ISO 45001
		ALSTOM			CE

Siechem EN 50264-3-1 3600V 50 MM

Part Number	Cross Section (mm ²)	Conductor Construction No. of Strands x Strand dia. (Nos x mm)	Conductor Diameter (mm) (Nom)	Max. Conductor Resistance at 20°C (Ω/km)	Insulation Thickness (mm) (Nom)	Sheath Thickness (mm) (Nom)	Outer Diameter (mm)		Cable Weight (Kg/Km) approx.
							(Min)	(Max)	
56416XXYY*	2.5	50 X 0.25	1.95	8.21	2.6	0.8	8.6	10.1	130
56419XXYY	4	56 X 0.30	2.5	5.09	2.6	0.8	9.1	10.7	150
56423XXYY	6	84 X 0.30	3.0	3.39	2.6	0.8	9.6	11.2	180
56427XXYY	10	80 X 0.40	3.9	1.95	2.6	0.8	10.4	12.2	225
56428XXYY	16	126 X 0.40	5.0	1.24	2.6	0.8	11.5	13.4	300
56430XXYY	25	196 X 0.40	6.4	0.795	2.9	1.0	13.7	16.1	435
56432XXYY	35	276 X 0.40	7.7	0.565	2.9	1.0	14.9	17.5	540
56434XXYY	50	396 X 0.40	9.2	0.393	2.9	1.0	16.4	19.1	695
56437XXYY	70	360 X 0.50	11.0	0.277	2.9	1.0	18.0	21.1	900
56438XXYY	95	475 X 0.50	12.5	0.210	2.9	1.0	19.5	22.8	1140
56441XXYY	120	608 X 0.50	14.2	0.164	2.9	1.2	21.4	25.1	1400
56442XXYY	150	756 X 0.50	15.8	0.132	2.9	1.2	22.9	26.8	1680
56444XXYY	185	925 X 0.50	17.5	0.108	3.2	1.2	25.1	29.4	2055
56446XXYY	240	1221 X 0.50	20.1	0.0817	3.4	1.4	28.3	33.1	2635
56448XXYY	300	1525 X 0.50	22.5	0.0654	3.4	1.4	30.6	35.8	3113
56449 XXYY	400	2013 X 0.50	25.8	0.0495	3.4	1.4	33.7	39.4	4200

Note : XX* & YY* : Please add last two digits in the part number as per the colour code given hereunder replacing XX & YY while ordering, for Insulation and Sheath respectively.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	



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