



Siechem BS EN 50264-3-1 Single Core, Sheathed 1800/3000V AC, 2700V 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.

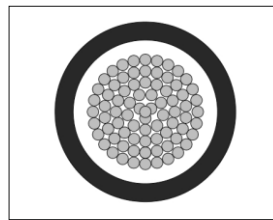
Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Class 5.
- ✓ Insulation : EBXL - EI 109
- ✓ Outer Sheath : EBXL - EM 104
- ✓ Colour : Black or as per customer order

Technical Data

- ✓ Temperature Range : -40°C to +90°C.
- ✓ Rated Voltage : 1800/3000V 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 NFPA -130, EN 45545

2D View



Approvals Accreditations Certifications



Siechem EN 50264-3-1 1800 V 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)	
56113XXYY*	1.5	30 x 0.25	1.5	13.7	1.3	0.8	5.7	6.7	58
56116XXYY	2.5	50 x 0.25	1.95	8.21	1.3	0.8	6.0	7.0	70
56119XXYY	4	56 x 0.30	2.5	5.09	1.3	0.8	6.5	7.6	90
56123XXYY	6	84 x 0.30	3.0	3.39	1.3	0.8	7.0	8.1	110
56127XXYY	10	80 x 0.40	3.9	1.95	1.5	0.8	8.2	9.6	165
56128XXYY	16	126 x 0.40	5.0	1.24	1.5	0.8	9.2	10.8	230
56130XXYY	25	196 x 0.40	6.4	0.795	1.8	1.0	11.5	13.4	355
56132XXYY	35	276 x 0.40	7.7	0.565	1.8	1.0	12.7	14.9	455
56134XXYY	50	396 x 0.40	9.2	0.393	1.8	1.0	14.1	16.5	610
56137XXYY	70	360 x 0.50	11.0	0.277	1.8	1.0	15.8	18.5	820
56138XXYY	95	475 x 0.50	12.5	0.210	2.2	1.0	18.0	21.0	1080
56141XXYY	120	608 x 0.50	14.2	0.164	2.2	1.0	19.6	22.9	1315
56142XXYY	150	756 x 0.50	15.8	0.132	2.2	1.2	21.4	25.1	1610
56144XXYY	185	925 x 0.50	17.5	0.108	2.4	1.2	23.4	27.4	1965
56146XXYY	240	1221 x 0.50	20.1	0.0817	2.4	1.2	25.9	30.3	2465
56148XXYY	300	1525 x 0.50	22.5	0.0654	2.4	1.2	28.1	32.9	3000
56149XXYY	400	2013 x 0.50	25.8	0.0495	2.6	1.4	32.0	37.4	3980

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	

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



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