



Siechem 3 GKW Multi Core 300/500V AC, 450/750 V DC, EBXL 120°C FS RW Rolling Stock Cable

Application

- ✓ For carriage wiring, terminal boxes, control panels, wiring harness in inside/outside the moving vehicle.
- ✓ For Rail/Bus and other transport vehicles.
- ✓ For switch gears and control gear manufacturing.

Features

- ✓ Excellent resistance to high and low temperature
- ✓ Outstanding Flame retardant
- ✓ Halogen free
- ✓ Thin walled with excellent flexibility
- ✓ Resistance to oil, fuel, ozone, damp and humid weather conditions
- ✓ Smooth and abrasion resistant surface
- ✓ Easy to strip
- ✓ Low smoke density
- ✓ Soldering iron resistant
- ✓ High melting points for insulation
- ✓ Electron Beam Cross Linked.
- ✓ Resistance to corona effect.

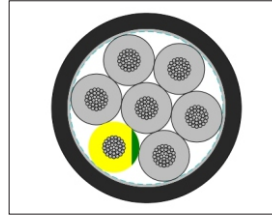
Product Construction

- ✓ Conductor : Finely Stranded Annealed Electro Tinned Copper, Class 5 to EN 60228
- ✓ Flame Barrier : Phlogopite tape
- ✓ Insulation : EBXL-LSZH Code M
- ✓ Core identification : Grey with Black numbered
- ✓ Screen : Tinned Copper Braid-S
- ✓ Separator Tape
- ✓ Outsatheth : EBXL-LSZH (EM104) Code M Black colour or as per customer order.

Technical Data

- ✓ Temperature Range : -50°C to +120°C.
- ✓ Rated Voltage : 300/500V AC 450/750V DC
- ✓ Test voltage : 2 kV AC for 5 min.
- ✓ Specification : Generally as per BS EN 50306 & BS EN 50264-3-2 In addition to BS EN 50264-3-2 spec, cables also meet fire performance tests as per EN 45545 - 2 HL3, BS 6853, DIN 5510-2, NF F 16-101, NFPA -130

2D View



Approvals Accreditations Certifications



Part Number	No. of cores x Cross Section (Nos) x (mm ²)	Conductor Construction No of Strands X Strand dia (Nos X mm)	Conductor Diameter (mm)	Max Conductor Resistance at 20°C (Ω/km)	Screen Dia (mm)	Nom. Core Dia (mm)	Nom. Outer Diameter (mm)	Cable Weight (Kg/Km) approx.
PH30A527W0602	2 X 0.5	16 X 0.20	0.90	40.1	4.6	2.00	6.0 ± 0.3	59
PH30A527W0614	14 X 0.5	16 X 0.20	0.90	40.1	9.7	2.00	11.8 ± 0.4	230
PH30A527W0624	24 X 0.5	16 X 0.20	0.90	40.1	13	2.00	15.5 ± 0.5	370
PH30A527W0602P	2 X 2 X 0.5	16 X 0.20	0.90	40.1	8.2	2.00	10.1 ± 0.4	140
PH30A527W0603P	3 X 2 X 0.5	16 X 0.20	0.90	40.1	8.6	2.00	10.5 ± 0.4	170
PH30A527W0604P	4 X 2 X 0.5	16 X 0.20	0.90	40.1	10.5	2.00	12.5 ± 0.4	210
PH30A527W0606P	6 X 2 X 0.5	16 X 0.20	0.90	40.1	13	2.00	15.2 ± 0.5	310
PH30A527W0607P	7 X 2 X 0.5	16 X 0.20	0.90	40.1	11.4	2.00	13.6 ± 0.4	270
PH30A527W0802	2 X 0.75	24 X 0.20	1.10	26.7	5.2	2.25	6.4 ± 0.3	70
PH30A527W0804	4 X 0.75	24 X 0.20	1.10	26.7	6.2	2.25	7.5 ± 0.3	97
PH30A527W0806	6 X 0.75	24 X 0.20	1.10	26.7	7.6	2.25	9.05 ± 0.3	140
PH30A527W0808	8 X 0.75	24 X 0.20	1.10	26.7	8.4	2.25	10.2 ± 0.4	170
PH30A527W0812	12 X 0.75	24 X 0.20	1.10	26.7	10.5	2.25	12.4 ± 0.4	250
PH30A527W0803P	3 X 2 X 0.75	24 X 0.20	1.10	26.7	9.1	2.25	11.1 ± 0.4	176
PH30A527W0804P	4 X 2 X 0.75	24 X 0.20	1.10	26.7	11.5	2.25	13.7 ± 0.4	260
PH30A527W0805P	5 X 2 X 0.75	24 X 0.20	1.10	26.7	12.5	2.25	14.7 ± 0.4	300
PH30A527W0806P	6 X 2 X 0.75	24 X 0.20	1.10	26.7	14.3	2.25	16.9 ± 0.4	380
PH30A527W1002	2 X 1	32 X 0.20	1.22	20.0	5.6	2.50	7.1 ± 0.3	85
PH30A527W1004	4 X 1	32 X 0.20	1.22	20.0	7.0	2.50	8.5 ± 0.3	130
PH30A527W1008	8 X 1	32 X 0.20	1.22	20.0	10.7	2.50	12.6 ± 0.4	270
PH30A527W1004P	4 X 2 X 1	32 X 0.20	1.22	20.0	12.8	2.50	15.0 ± 0.5	310
PH30A527W1004Q	4 X 4 X 1	32 X 0.20	1.22	20.0	10.6	2.50	19.3 ± 0.5	562
PH30A527W1302	2 X 1.5	30 X 0.25	1.50	13.7	6.3	2.80	7.8 ± 0.3	110
PH30A527W1303	3 X 1.5	30 X 0.25	1.50	13.7	6.8	2.80	8.3 ± 0.3	130
PH30A527W1305G	5G X 1.5	30 X 0.25	1.50	13.7	8.6	2.80	10.5 ± 0.4	196
PH30A527W1306	6 X 1.5	30 X 0.25	1.50	13.7	9.4	2.80	11.3 ± 0.4	230
PH30A527W1308	8 X 1.5	30 X 0.25	1.50	13.7	11.6	2.80	13.9 ± 0.4	347
PH30A527W1312	12 X 1.5	30 X 0.25	1.50	13.7	12.6	2.80	14.8 ± 0.4	400
PH30A527W1312G	12G X 1.5	30 X 0.25	1.50	13.7	12.6	2.80	14.8 ± 0.4	400
PH30A527W1320	20 X 1.5	30 X 0.25	1.50	13.7	16.4	2.80	18.9 ± 0.5	640
PH30A527W1602	2 X 2.5	50 X 0.25	1.94	8.21	7.2	3.20	8.8 ± 0.5	140
PH30A527W1603	3 X 2.5	50 X 0.25	1.94	8.21	7.6	3.20	9.25 ± 0.3	170

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

3 GKW/T	
3	Rated Voltage (300/500V AC)
G	Electron Beam Cross Linked Insulation
K	Cold Resistant
W	Heat Resistant
FS	Fire Survival
RW	Reduced insulation wall thickness



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