

Multi Core Class K Copper Conductor, EBXL - XLPE Insulated, ATC Braided & Special XL Sheathed 1.0kV Control Cable

Application

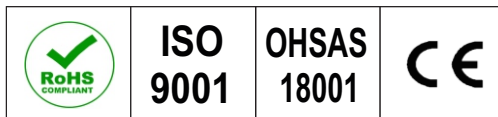
- ✓ Used as wiring cables for control in wind turbines.

Features

- ✓ Excellent Flame Retardant.
- ✓ Chemical Resistant
- ✓ Torsion Tested
- ✓ Cold Resistant at -400C
- ✓ Oil and UV Resistant.

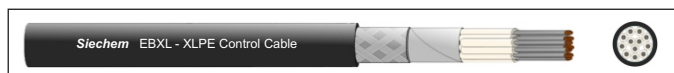
Product Construction

- ✓ Conductor : Bare or tinned Copper, Fine wire conductors, UL 1581 Class K
- ✓ Insulation : EBXL - XLPE core insulation in accordance with UI44 & CSA C22.2 No.38 EPR (Ethylene-Propylene-Rubber)
- ✓ Shield : Tinned copper braid shield (Min.80% coverage)
- ✓ Outersheath : Special XL Compound (UL 1277 Std)



Technical Data

- ✓ Temperature Range:
Fixed : -40°C to +120°C
Flexing : -50°C to +90°C
- ✓ Rated Voltage : 1.0kV
- ✓ Test Voltage :
6kV (18-10 AWG), 7.5kV (8-2 AWG)
- ✓ Min. Bending Radius :
Fixed : 4 x Cable dia
Flexing : 10 x Cable dia



Part Number	No. of Cores x Cross Section. AWG (mm ²)	Outer Diameter in mm approx.	Copper Index Kg/Km approx.
379 51 02	2 X 18AWG	10.5	15.2
379 51 03	3 X 18AWG	11.0	22.8
379 51 04	4 X 18AWG	12.0	30.4
379 51 05	5 X 18AWG	13.2	38.0
379 51 07	7 X 18AWG	16.0	53.2
379 51 10	10 X 18AWG	18.6	76.0
379 51 12	12 X 18AWG	19.0	91.2
379 51 02	2 X 12AWG	13.0	61.0
379 51 03	3 X 12AWG	13.8	91.5
379 51 04	4 X 12AWG	15.6	122.0
379 51 05	5 X 12AWG	17.1	152.5
379 51 07	7 X 12AWG	20.1	213.5
379 51 10	10 X 12AWG	24.7	305.0
379 51 12	12 X 12AWG	25.3	366.0
379 51 02	2 X 6AWG	22.8	249.4
379 51 03	3 X 6AWG	24.0	374.1
379 51 04	4 X 6AWG	26.4	498.8
379 51 05	5 X 6AWG	29.0	623.5
379 51 07	7 X 6AWG	34.3	872.9
379 51 10	10 X 6AWG	40.7	1,247.0
379 51 12	12 X 6AWG	41.8	1,496.4
379 51 02	2 X 4AWG	25.7	393.6
379 51 03	3 X 4AWG	27.2	590.4
379 51 04	4 X 4AWG	29.8	787.2
379 51 05	5 X 4AWG	32.9	984.0
379 51 07	7 X 4AWG	39.2	1,377.6
379 51 10	10 X 4AWG	46.8	1,968.0
379 51 12	12 X 4AWG	48.0	2,361.6



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