

## 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)
- ✓ Outsheath : Special XL Compound (UL 1277 Std)

ISO 9001	ISO 14001	OHSAS 18001	AS 9100	ISO 45001		
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### 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 <sup>2</sup> )	Outer Diameter in mm approx.	Copper Index Kg/Km approx.
380512P	2P X 18AWG	16.8	30.5
380514P	4P X 18AWG	19.4	61.0
380516P	6P X 18AWG	23.5	91.4
380518P	8P X 18AWG	27.2	121.9
3805110P	10P X 18AWG	29.0	152.4

