



Features:

- Temp Range -40°C to +120°C (Peak), Max. Temp at Conductor is -125°C.
- Short Circuit Resistance upto 250°C for 5 Seconds.
- High Resistance against UV, Ozone and hydrolysis.
- Very high mechanical robustness and resistance against moisture and chemicals.
- Compact and Flexible.
- TUV Certified.

TECHNICAL SPECIFICATIONS	
① Conductor	Annealed Tinned Copper as per IEC 606228 Class 5
② Insulation	Cross Linked special Halogen Free Flame Retarded Compound (With CBXL Technology)
③ Outer Sheath	Cross Linked special Halogen Free Flame Retarded Compound (With CBXL Technology)
Voltage Grade	1000V (AC) / 1800V (DC)
Packing	In Lengths of 100/500/1000meters, ±10%
Weather / UV Resistant	Compiles with HD 605/A1
Flame Retardant	Compiles with IEC 60332-1-2
Halogen Free	Compiles with IEC 60754-1
Ozone Resistant	Compiles with EN 50396
Acid / Brine Resistant	Compiles with EN 60811-2-1
Bending Radius	5xCable Outer diameter
TUV	2Pfg 1169/08.2007

Area of Cross Section (Sq.mm)	Conductor Standard Size (Max.)	Max. Conductor DC Resistance as per IEC 606228 @ 20°C (Ω/KM)	Outer Diameter (mm) (Approx.)	Current Carrying Capacity	
				Air	Ground
2.5	0.25	8.21	4.6 ± 0.3	41	39
4	0.3	5.09	5.3 ± 0.3	55	52
6	0.3	3.39	5.8 ± 0.4	70	67
10	0.4	1.95	7.9 ± 0.5	98	93
25	0.4	0.795	10.5 ± 0.7	176	167
35	0.4	0.565	12.0 ± 1.0	218	207
50	0.4	0.393	13.5 ± 0.5	281	268
70	0.5	0.277	15.0 ± 0.5	357	341
95	0.5	0.21	17.5 ± 2.0	425	405
120	0.5	0.164	19.5 ± 2.0	493	470