

0.6 / 1 kV XLPE Insulated Aluminium Conductor Round Copper Wire Armoured Power Cables

AXQJ SM



- 1) Stranded Sector Shaped Aluminium Conductor
- 2) XLPE Insulation
- 3) PP Tape
- 4) Concentric Copper Conductors
- 5) Copper Tape
- 6) PP Tape
- 7) HFFR Sheath

Technical Data

Permissible operating temperature : 90°C
 Short circuit temperature : 250°C
 Test Voltage (AC) : 4 kV
 Installation temperature minimum : -20 °C
 Minimum Bending Radius : 8xD
 Rated Voltage : 0.6/1kV

Usage Areas

It is used in hospitals, schools, hotels, shopping centers, data processing centers, public transportation premises, tunnels and power plants.

Cpr Class Minimum
Dca-s2, d2, a2

Standard
HD 603

TECHNICAL DATA AXQJ

SM (0.611kV)

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in		Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing
		Air	Ground			
mm ²	mm	A	A	ohm / km	kg / km	m
3 x 50/15	24.40	149	158	0.641	831.84	-
3 x 70/21	28.30	191	196	0.443	1103.03	-
3 x 95/29	31.70	234	234	0.320	1454.21	-
3 x 150/41	39.80	311	300	0.206	2230.85	-
3 x 185/57	44.30	360	342	0.164	2746.34	-
3 x 240/72	49.80	427	398	0.125	3540.35	-
3 x 300/88	54.50	500	450	0.100	4279.06	-
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4 x 50/15	26.50	149	158	0.641	1013.99	-
4 x 70/21	30.40	191	196	0.443	1344.85	-
4 x 95/29	34.60	234	234	0.320	1785.89	-
4 x 120/41	39.30	273	368	0.253	2332.66	-
4 x 150/41	43.30	311	300	0.206	2748.02	-
4 x 185/57	48.30	360	342	0.164	3373.39	-
4 x 240/72	54.60	427	398	0.125	4360.80	-
4 x 300/88	59.70	500	450	0.100	5277.38	-

