XLPE Cable, PVC sheathed, Single Core Copper SDI XLP 1X95 PC XLPPVC

Nexans Ref.: BDBC22AA001CXNA

EAN 13: 9319215277287

95mm2 XLPE / PVC SDI Black

DESCRIPTION

- Single core, 0.6/1kV X-90 insulated,
- PVC sheathed to AS/NZS 5000.1,
- Copper 90°C.

Mains: Submains



STANDARDS

National AS/NZS 1125; AS/ NZS 5000.1







Rated Voltage Uo/U (Um) Cable flexibility 0.6/1 kV





Page 1 / 3



XLPE Cable, PVC sheathed, Single Core Copper SDI

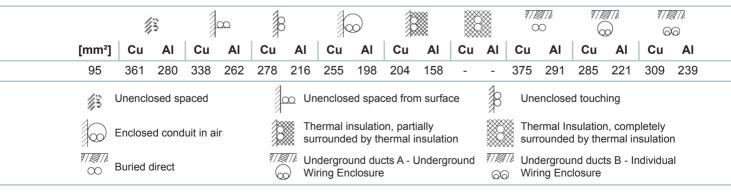
XLP 1X95 PC XLPPVC

CHARACTERISTICS

Construction characteristics	
Colour	Black
	Class 2
	Copper
Conductor shape	Circular
Insulation	X-90
Outer sheath	PVC
Type of conductor	Compressed copper
With Green/Yellow core	No
With smaller neutral conductor	No
Dimensional characteristics	
Approximate weight	101.0 kg/100m
Cable length	- m
Conductor cross-section	95 mm²
Neutral conductor section (when smaller)	- mm²
Nominal insulation thickness	1.1 mm
Nominal outer sheath thickness	1.5 mm
Nominal overall diameter	17.2 mm
Number of cores	1
Electrical characteristics	
Conductor AC resistance at 50 Hz	0.327 Ohm/km
Inductive reactance at 50Hz - flat touching	0.104 Ohm/km
Inductive reactance at 50Hz - trefoil	0.089 Ohm/km
Insulation resistance at 20°C	220 MOhm.km
Max. DC resistance of the conductor at 20°C	0.193 Ohm/km
Rated Voltage Uo/U (Um)	0.6/1 kV
Mechanical characteristics	
Cable flexibility	Rigid

XLPE/PVC SINGLE CORE - CURRENT CARRYING CAPACITY TABLE SINGLE PHASE (IN AMPS)

Copper Conductor Insulation XLPE Maximum Conductor Temperature 90C



All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 9/03/22 www.olex.com.au Page 2 / 3



XLPE Cable, PVC sheathed, Single Core Copper SDI XLP 1X95 PC XLPPVC

XLPE/PVC SINGLE CORE - CURRENT CARRYING CAPACITY TABLE THREE PHASE (IN AMPS)

Copper Conductor Insulation XLPE Maximum Conductor Temperature 90C

Condu	Conductor cross-section				£ \$0		**		***				77. 2 77.		77. 2 77.		77. 13 77 <u>1</u>			
	[mm²]	Cu	ΑI	Cu	ΑI	Cu	ΑI	Cu	ΑI	Cu	ΑI	Cu	ΑI	Cu	ΑI	Cu	ΑI	Cu	ΑI	
	95	350	271	298	232	278	216	220	171	176	137	-	-	313	243	244	190	276	214	
10	Unenclosed spaced Unenclosed spaced from surface Unenclosed touching																			
	Enclosed conduit in air				Thermal insulation, partially surrounded by thermal insulation							Thermal Insulation, completely surrounded by thermal insulation								
7/ <u>18</u> /1	Buried direct		\$7		Under Wiring			ts A - l	Jnder	ground	_ (ergroung ng End		icts B e	- Indiv	ridual		



