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**Cable Description:** 1100V, Stranded Class 2 Aluminium Conductor, XLPE insulated, Unarmour, Extruded PVC Type ST2 Outer sheath as per IS 7098 Part 1/1988

13   Applicable Standard   latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   16     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE     18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	I	Technical Data of LT XLPE Cables	CABLE SIZE
1   Name of Manufacturer   Polycab India Ltd     2   Type of cable   A2XY     3   Voltage Grade V   1     4   No of cores X size in sqmm   1     5   Conductor   1     a)   Material   H2/H4 Grade Aluminium as per Class 2 of IS: 8130/2013, latest     b)   Material   1     c)   Shape of the conductor   Stranded Compacted Circular     a)   Material   XLPE as per IS 7098(Pt-1)/88, Latest     b)   Nominal thickness (mm)   1.4     c)   Core identification   Natural     7   Outer Sheath   2.0 (Nom.)     c)   Core identification   Natural     7   Outer Sheath   Black     8   Electrical Parameters   Black     8   Isectrate of conductor at 90° C   0.265     c)   Impedance of cable (ohm/km)   0.0855     c)   Impedance of cable (ohm/km)   0.278     9   Maximum conductor temperature under normal operating conditions   90°C     10   termination of short circuit   250°C     11   Short	Ш	CABLE CODE	LVIS09AXUAY2001C150SA001S
1   Name of Manufacturer   Polycab India Ltd     2   Type of cable   A2XY     3   Voltage Grade V   1     4   No of cores X size in sqmm   1   Core X 150 Sq.mm     5   Conductor   8130/2013, latest   8130/2013, latest     a)   Material   H2/H4 Grade Aluminium as per Class 2 of IS: 8130/2013, latest     b)   Conductor   Stranded Compacted Circular     c)   Insulation   0.206     c)   Shape of the conductor   Stranded Compacted Circular     a)   Material   XLPE as per IS 7098(Pt-1)/88, Latest     b)   Nominal thickness (mm)   1.4     c)   Core identification   Natural     7   Outer Sheath   2.0 (Nom.)     a)   Material   Extruded PVC Type 'ST2' as per IS:5831     b)   Thickness (mm)   2.0 (Nom.)   0.0855     c)   Core identification and poreting conditions   90°C     moral operating conditions   90°C   0.265     b)   Colume of sobot circuit   250°C     11   Short Circuit rating of conductor or the thermination of short circuit   2	S.No	Particulars	1 Core X 150 Sg.mm
3   Voitage Grade V     4   No of cores X size in sqmm   1 Core X 150 Sq.mm     5   Conductor   8130/2013, latest     a)   Material   H2/H4 Grade Aluminium as per Class 2 of IS: 8130/2013, latest     b)   (ohm/km)   0.206     c)   Shape of the conductor   Stranded Compacted Circular     a)   Material   XLPE as per IS 7098(Pt-1)/88, Latest     b)   Nominal thickness (mm)   1.4     c)   Core identification   Natural     7   Outer Sheath   2.0 (Nom.)     c)   Core identification   Natural     7   Outer Sheath   2.0 (Nom.)     c)   Core identification of outer sheath.   Black     8   Electrical Parameters   Max. a.: resistance of conductor at 90° C     d)   (ohm/km)   0.278     9   Maxinum conductor temperature under 90°C   90°C     10   termination of short circuit   250°C     11   Short Circuit rating of conductor for the durating of short circuit   14.17     12   Continuous Current carrying capacities :-   (a)     (a)   In Ground at 30°C<	1	Name of Manufacturer	
4   No of cores X size in sqmm   1 Core X 150 Sq.mm     5   Conductor   H2/H4 Grade Aluminium as per Class 2 of IS: 8130/2013, latest     a)   Max. d.c. resistance of conductor at 20° C (ohm/km)   0.206     c)   Shape of the conductor   Stranded Compacted Circular     6   Insulation   14     c)   Core identification   Naterial     a)   Material   XLPE as per IS 7098(Pt-1)/88, Latest     b)   Nominal thickness (mm)   1.4     c)   Core identification   Natural     7   Outer Sheath   2.0 (Nom.)     a)   Material   Extruded PVC Type 'ST2' as per IS:5831     b)   Thickness (mm)   2.0 (Nom.)     c)   Colour of outer sheath.   Black     8   Electrical Parameters   Black     a)   Max. a.c. resistance of conductor at 90° C   0.265     (ohm/km)   0.278   9     9   Maximum conductor temperature under normal operating conditions   90°C     10   Eactrical farameters   Eactrical farameters     11   Short Circuit rating of conductor for the temmination of short circuit   11	2	Type of cable	A2XY
5   Conductor     a)   Material     b)   Material     b)   Max. d.c. resistance of conductor at 20° C     c)   Shape of the conductor     d)   Material     b)   Nominal thickness (mm)     c)   Core identification     n   Material     b)   Thickness (mm)     c)   Colour of outer sheath.     a)   Black     8   Electrical Parameters     a)   Max a.c. resistance of conductor at 90° C     o(hm/km)   0.0855     c)   Impedance of cable (ohm/km)     b)   Calculated Cable reactance (ohm/km)     c)   Gober cable (ohm/km)     b)   Calculated Cable reactance (ohm/km)     c)   Calculated Cable reactance (ohm/km)     c)   Calculated Cable reactance (ohm/km)     d)   Maximum conductor temperature under     normal operating conditions   90°C  <	3	Voltage Grade V	
a)   Material   H2/H4 Grade Aluminium as per Class 2 of IS: 8130/2013, latest     b)   Max. d.c. resistance of conductor at 20° C   0.206     c)   Shape of the conductor   Stranded Compacted Circular     6   Insulation   14     c)   Core identification   Natural     7   Outer Sheath   2.0 (Nom.)     a)   Material   XLPE as per IS 7098(Pt-1)/88, Latest     b)   Nominal thickness (mm)   1.4     c)   Core identification   Natural     7   Outer Sheath   2.0 (Nom.)     a)   Material   Extruded PVC Type 'ST2' as per IS:5831     b)   Thickness (mm)   2.0 (Nom.)     c)   Colour of outer sheath.   Black     a)   Max. a.c. resistance of conductor at 90° C   0.265     b)   Calculated Cable reactance (ohm/km)   0.0855     c)   Impedance of cable (ohm/km)   0.278     g   Maximum conductor temperature at the   250°C     the termination of short circuit   14.17     11   Short Circuit rating of conductor for the   14.17     11   Short Circuit rating of	4	No of cores X size in sqmm	1 Core X 150 Sq.mm
a)   Material   8130/2013, latest     b)   Max. d.c. resistance of conductor at 20° C   0.206     (ohm/km)   0.206     c)   Shape of the conductor   Stranded Compacted Circular     a)   Material   XLPE as per IS 7098(Pt-1)/88, Latest     b)   Nominal thickness (mm)   1.4     c)   Core identification   Natural     7   Outer Sheath   1.4     a)   Material   Extruded PVC Type 'ST2' as per IS:5831     b)   Thickness (mm)   2.0 (Nom.)     c)   Colour of outer sheath.   Black     8   Bectrical Parameters   0.265     a)   Maxerial conductor at 90° C   0.265     b)   Calculated Cable reactance (ohm/km)   0.0855     c)   Impedance of cable (ohm/km)   0.278     g   Maximum conductor temperature under normal operating conditions   90°C     normal operating conditions   90°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   (a)     (a)   In Ground at 30°C   (A) <td>5</td> <td>Conductor</td> <td></td>	5	Conductor	
b) (ohm/km)0.206c)Shape of the conductorStranded Compacted Circular6InsulationXLPE as per IS 7098(Pt-1)/88, Latestb)Nominal thickness (mm)1.4c)Core identificationNatural7Outer Sheath2.0 (Nom.)a)MaterialExtruded PVC Type 'ST2' as per IS:5831b)Thickness (mm)2.0 (Nom.)c)Colour of outer sheath.Black8Electrical Parameters4a)Max. a.c. resistance of conductor at 90° C0.265a)(ohm/km)0.0855c)Impedance of cable (ohm/km)0.0855c)Impedance of cable (ohm/km)0.2789Maximum conductor temperature under normal operating conductor for the duration of short circuit90°C11Short Circuit rating of conductor for the duration of 1 sec (kA)14.1712Continuous Current carrying capacities :-1(a)In Ground at 30°C (A)256(b)In Air at 40°C(A)13Applicable StandardIS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments14Approx. overall diameter of the cable in mm21.0 $\pm$ 2.015Minimum bending radius15 times Overall diameter16Max. Tensile strength017EmbossingPOLYCAB ELECTRIC 1100 VOLTS GRADE XLPE18PrintingYEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.<	a)	Material	
6Insulationa)MaterialXLPE as per IS 7098(Pt-1)/88, Latestb)Nominal thickness (mm)1.4c)Core identificationNatural7Outer Sheath2.0 (Nom.)a)MaterialExtruded PVC Type 'ST2' as per IS:5831b)Thickness (mm)2.0 (Nom.)c)Colour of outer sheath.Black8Electrical Parameters8a)Max. a.c. resistance of conductor at 90° C0.265b)Calculated Cable reactance (ohm/km)0.0855c)Impedance of cable (ohm/km)0.2789Maximum conductor temperature under normal operating conditions90°C10termination of short circuit250°C11Short Circuit rating of conductor for the duration of 1 sec (A)14.1712Continuous Current carrying capacities :-(a)(a)In Ground at 30°C (A)256(b)In Air at 40°C(A)13Applicable StandardIS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments14Approx. overall diameter of the cable in mm21.0 ± 2.015Minimum bending radius15 times Overall diameter16Max. Tensile strength(b)(i)for Cables pulled with stocking (Newtons)5 x D², D is the cable OD in mmii)for Cables pulled with stocking (Newtons)5 x D², D is the cable OD in mmii)for Cables pulled with stocking (Newtons)5 x D², D is the cable OD in mmiii)for Cables pu	b)		0.206
a)   Material   XLPE as per IS 7098(Pt-1)/88, Latest     b)   Nominal thickness (mm)   1.4     c)   Core identification   Natural     7   Outer Sheath   2.0 (Norm.)     a)   Material   Extruded PVC Type 'ST2' as per IS:5831     b)   Thickness (mm)   2.0 (Norm.)     c)   Colour of outer sheath.   Black     8   Electrical Parameters   Max. a.c. resistance of conductor at 90° C     a)   Max. a.c. resistance of conductor at 90° C   0.2655     (ohm/km)   0.0855   0.278     9   Maximum conductor temperature under normal operating conditions   90°C     10   Maximum conductor temperature at the termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   (a)     (a)   In Ground at 30°C   (A)     14   Applicable Standard   IS 7098 Part 1/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall di	C)	Shape of the conductor	Stranded Compacted Circular
b)   Nominal thickness (mm)   1.4     c)   Core identification   Natural     7   Outer Sheath	6	Insulation	
c)   Core identification   Natural     7   Outer Sheath	a)	Material	XLPE as per IS 7098(Pt-1)/88, Latest
7   Outer Sheath     a)   Material   Extruded PVC Type 'ST2' as per IS:5831     b)   Thickness (mm)   2.0 (Nom.)     c)   Colour of outer sheath.   Black     8   Electrical Parameters   0.265     a)   Max. a.c. resistance of conductor at 90° C   0.265     b)   Calculated Cable reactance (ohm/km)   0.0855     c.   Impedance of cable comm/km)   0.2778     9   Maximum conductor temperature under normal operating conditions   90°C     10   Maximum conductor temperature at the termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   -     (a)   In Ground at 30°C (A)   256     (b)   In Air at 40°C (A)   314     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   5 x D², D is the cable OD in mm <t< td=""><td>b)</td><td>Nominal thickness (mm)</td><td>1.4</td></t<>	b)	Nominal thickness (mm)	1.4
a)   Material   Extruded PVC Type 'ST2' as per IS:5831     b)   Thickness (mm)   2.0 (Nom.)     c)   Colour of outer sheath.   Black     8   Electrical Parameters   0.265     a)   Max. ac. resistance of conductor at 90° C (ohm/km)   0.265     b)   Calculated Cable reactance (ohm/km)   0.0855     c)   Impedance of cable (ohm/km)   0.278     g   Maximum conductor temperature under normal operating conditions   90°C     10   termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   (a)     (a)   In Ground at 30°C (A)   256     (b)   In Air at 40°C (A)   314     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   4,500     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in	C)	Core identification	Natural
b)   Thickness (mm)   2.0 (Nom.)     c)   Colour of outer sheath.   Black     8   Electrical Parameters   0.265     a)   Max. a.c. resistance of conductor at 90° C (ohm/km)   0.0855     b)   Calculated Cable reactance (ohm/km)   0.278     b)   Calculated Cable reactance (ohm/km)   0.278     g)   Maximum conductor temperature under normal operating conditions   90°C     normal operating conditions   90°C     10   Maximum conductor temperature at the termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   -     (a)   In Ground at 30°C (A)   256     (b)   In Air at 40°C   A)     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   -     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD	7	Outer Sheath	
c)Colour of outer sheath.Black8Electrical Parameters	a)	Material	Extruded PVC Type 'ST2' as per IS:5831
8   Electrical Parameters     a)   Max. a.c. resistance of conductor at 90° C (ohm/km)   0.265     b)   Calculated Cable reactance (ohm/km)   0.0855     c)   Impedance of cable (ohm/km)   0.278     9   Maximum conductor temperature under normal operating conditions   90°C     10   Maximum conductor temperature at the termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   1     (a)   In Ground at 30°C (A)   256     (b)   In Air at 40°C (A)   314     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   0     (i)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE SIZE	b)	Thickness (mm)	2.0 (Nom.)
a)   Max. a.c. resistance of conductor at 90° C (ohm/km)   0.265     b)   Calculated Cable reactance (ohm/km)   0.0855     c)   Impedance of cable (ohm/km)   0.278     g   Maximum conductor temperature under normal operating conditions   90°C     10   Maximum conductor temperature at the termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   -     (a)   In Ground at 30°C (A)   256     (b)   In Air at 40°C (A)   314     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   5 x D², D is the cable OD in mm     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE SIZE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval. <td>c)</td> <td>Colour of outer sheath.</td> <td>Black</td>	c)	Colour of outer sheath.	Black
a)   (ohm/km)   0.265     b)   Calculated Cable reactance (ohm/km)   0.0855     c)   Impedance of cable (ohm/km)   0.278     g   Maximum conductor temperature under normal operating conditions   90°C     10   Maximum conductor temperature at the termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   -     (a)   In Ground at 30°C (A)   256     (b)   In Air at 40°C (A)   314     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   -     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     18   Printing   YEAR POLYCAB ELECTRIC 11	8	Electrical Parameters	
c)   Impedance of cable (ohm/km)   0.278     9   Maximum conductor temperature under normal operating conditions   90°C     10   Maximum conductor temperature at the termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   14.17     (a)   In Ground at 30°C   (A)   256     (b)   In Air at 40°C   (A)   314     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   1     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     18   Printing   YEAR POLYCAB LECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard D	a)		0.265
9   Maximum conductor temperature under normal operating conditions   90°C     10   Maximum conductor temperature at the termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   14.17     (a)   In Ground at 30°C (A)   256     (b)   In Air at 40°C (A)   314     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   4,500     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE     18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	b)	Calculated Cable reactance (ohm/km)	0.0855
9   normal operating conditions   90°C     10   Maximum conductor temperature at the termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   14.17     (a)   In Ground at 30°C (A)   256     (b)   In Air at 40°C (A)   314     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   4,500     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE     18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	C)	Impedance of cable (ohm/km)	0.278
10   termination of short circuit   250°C     11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   14.17     (a)   In Ground at 30°C (A)   256     (b)   In Air at 40°C (A)   314     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE     18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	9	•	90°C
11   Short Circuit rating of conductor for the duration of 1 sec (kA)   14.17     12   Continuous Current carrying capacities :-   14.17     (a)   In Ground at 30°C (A)   256     (b)   In Air at 40°C (A)   314     13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   1     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	10	•	250°C
(a)In Ground at 30°C(A)256(b)In Air at 40°C(A)31413Applicable StandardIS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments14Approx. overall diameter of the cable in mm21.0 ± 2.015Minimum bending radius15 times Overall diameter16Max. Tensile strength1(i)for Cables pulled with stocking (Newtons)5 x D², D is the cable OD in mmii)for Cables pulled with pulling eyes (N)4,50017EmbossingPOLYCAB ELECTRIC 1100 VOLTS GRADE XLPE18PrintingYEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.19Standard Drum Length (Mtr.)1000 ± 5%	11	-	14.17
(b)In Air at 40°C(A)31413Applicable StandardIS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments14Approx. overall diameter of the cable in mm21.0 ± 2.015Minimum bending radius15 times Overall diameter16Max. Tensile strength1(i)for Cables pulled with stocking (Newtons)5 x D², D is the cable OD in mmii)for Cables pulled with pulling eyes (N)4,50017EmbossingPOLYCAB ELECTRIC 1100 VOLTS GRADE XLPE18PrintingYEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.19Standard Drum Length (Mtr.)1000 ± 5%	12	Continuous Current carrying capacities :-	
13   Applicable Standard   IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   15 times Overall diameter     17   For Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     18   Printing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	(a)	In Ground at 30°C (A)	256
13   Applicable Standard   latest up to date amendments     14   Approx. overall diameter of the cable in mm   21.0 ± 2.0     15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   16     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE     18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	(b)	In Air at 40°C (A)	- · · ·
15   Minimum bending radius   15 times Overall diameter     16   Max. Tensile strength   15 times Overall diameter     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE     18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	13	Applicable Standard	IS 7098 Part I/88, IS 8130/2013, IS 5831/84 etc. with latest up to date amendments
16   Max. Tensile strength     (i)   for Cables pulled with stocking (Newtons)   5 x D², D is the cable OD in mm     ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE     18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	14	Approx. overall diameter of the cable in mm	21.0 ± 2.0
(i)for Cables pulled with stocking (Newtons)5 x D², D is the cable OD in mmii)for Cables pulled with pulling eyes (N)4,50017EmbossingPOLYCAB ELECTRIC 1100 VOLTS GRADE XLPE18PrintingYEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.19Standard Drum Length (Mtr.)1000 ± 5%	15	Minimum bending radius	15 times Overall diameter
ii)   for Cables pulled with pulling eyes (N)   4,500     17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE     18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	16	Max. Tensile strength	
17   Embossing   POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE     18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	(i)		5 x D <sup>2</sup> , D is the cable OD in mm
18   Printing   YEAR POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE, CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	ii)	for Cables pulled with pulling eyes (N)	4,500
18   Printing   CABLE SIZE, CABLE TYPE WITH SEQUENTIAL MARKING at every one meter interval.     19   Standard Drum Length (Mtr.)   1000 ± 5%	17	Embossing	POLYCAB ELECTRIC 1100 VOLTS GRADE XLPE
	18	Printing	
	19	Standard Drum Length (Mtr.)	1000 ± 5%
	20	Non- Standard Drum Length (Mtr.)	Maximum 5% of order quantity

Note:-The values given above are subject to tolerances as per the relevant standards.