



PRICE-LIST • Dated : 13th MAY 2023 • W.E.F. : 22nd MAY 2023 • LP NO. 01/2023-24

FR / PVC INSULATED INDUSTRIAL FLEXIBLE CABLE

Polycab FR PVC Insulated Single Core Unsheathed Industrial Flexible Cable conforming to IS 694:2010 with Bright Annealed Copper Conductor for Voltage Grade 1100Volts **Rate Per Meter**

COND. AREA SQ.MM	COND. CONST. (NO./ DIA.MM)	AMPS.	SINGLE CORE	PKG.
0.50	16/0.20	05	11.00	24
0.75	24/0.20	08	15.90	24
1.00	32/0.20	13	20.55	20
1.50	30/0.25	17	29.35	16
2.50	50/0.25	24	48.50	12
4.00	56/0.30	30	74.40	8
6.00	84/0.3	38	110.00	6
10.00	80/0.4	52	190.00	1
16.00	126/0.4	70	306.00	1
25.00	196/0.4	88	475.00	1
35.00	276/0.4	110	666.00	1
50.00	396/0.4	145	942.00	1
70.00	354/0.5	215	1323.00	1
95.00	484/0.5	260	1816.00	1
120.00	608/0.5	305	2353.00	-
150.00	750/0.5	355	2904.00	-
185.00	925/0.5	415	3595.00	-
240.00	1210/0.5	500	4669.00	-
300.00	1527/0.5	585	5867.00	-
400.00	2036/0.5	695	7890.00	-

Polycab PVC Insulated and PVC Round Sheathed Multi Core Bright Annealed Bare Copper Conductor Heavy Duty Industrial Flexible Cables for Voltage Grade 1100 Volts conforming to IS:694:2010 **Rate Per Meter**

2 Core	3 Core	4 Core	2 CORE to 4 CORE PKG.	5 Core	6 Core
32.65	43.35	54.30	5	70.90	83.40
44.60	58.95	74.55	5	97.50	117.00
54.60	73.75	95.30	5	124.50	150.00
72.30	100.50	133.00	5	175.00	209.00
117.00	159.00	214.00	4	277.00	333.00
174.00	247.00	325.00	1	447.00	538.00
255.00	363.00	473.00	1	653.00	806.00
433.00	619.00	811.00	1	1109.00	1355.00
684.00	984.00	1285.00	-	1711.00	-----
1103.00	1573.00	2071.00	-	2790.00	-----
1521.00	2189.00	2863.00	-	3859.00	-----
2179.00	3091.00	4075.00	-	5611.00	-----
3035.00	4307.00	5732.00	-	7738.00	-----
(FRLS) +	6304.00	8446.00	-	-----	-----
(FRLS) +	8048.00	10604.00	-	-----	-----
(FRLS) +	10168.00	13405.00	-	-----	-----
(FRLS) +	12234.00	16230.00	-	-----	-----
(FRLS) +	16124.00	21329.00	-	-----	-----
(FRLS) +	20051.00	25911.00	-	-----	-----
(FRLS) +	26731.00	34567.00	-	-----	-----

Polycab PVC Insulated, PVC Round Sheathed MultiCore Industrial Flexible Cables conforming to IS694:2010 with Bright Annealed Copper Conductor for Voltage Grade 1100 Volts **Rate Per Meter**

COND. AREA SQ.MM	COND. CONST. (NO./ DIA.MM)	AMPS.	7 Core	8 Core	10 Core	12 Core	14 Core	16 Core	19 Core	24 Core
0.50	16/0.20	05	93.10	109.00	134.00	157.00	185.00	207.00	239.00	305.00
0.75	24/0.20	08	131.00	153.00	190.00	224.00	262.00	295.00	342.00	437.00
1.00	32/0.20	13	168.00	194.00	239.00	283.00	329.00	374.00	443.00	560.00
1.50	30/0.25	17	234.00	273.00	331.00	396.00	460.00	525.00	620.00	781.00
2.50	50/0.25	24	384.00	437.00	547.00	644.00	754.00	861.00	1019.00	1276.00
4.00	56/0.30	30	611.00	709.00	-----	-----	-----	-----	-----	-----

DISTRIBUTORS



One-Stop Integrated Sourcing & Procurement Partner For All Industrial & Commercial Products sourcing needs

1

PRICE-LIST • Dated : 13th MAY 2023 • W.E.F. : 22nd MAY 2023 • LP NO. 01/2023-24

FRLS INSULATED SINGLE CORE UNSHEATHED INDUSTRIAL FLEXIBLE CABLE

Polycab FRLS Insulated Single Core Unsheathed Industrial Flexible Cable conforming to IS694:2010 with Bright Annealed Copper Conductor for Voltage Grade 1100 Volts. (0.5SQ.MM. to 95SQ.MM. 100 Mtrs PKG.)

Rate Per Meter

Polycab FRLS Insulated Single Core Unsheathed Industrial Flexible Cable conforming to IS694:2010 with Bright Annealed Copper Conductor for Voltage Grade 1100 Volts. (100 Meter Packing.)

Rate Per Meter

COND. AREA SQ.MM	COND. CONST. (NO./DIA.MM)	AMPS.	SINGLE CORE	PKG Single Core	2 Core	3 Core	4 Core	PKG. 2-4 Core	5 Core	6 Core
0.50	16/.2	5	11.40	24	35.20	46.65	58.50	5	76.15	89.70
0.75	24/.2	8	16.45	24	47.80	63.50	80.10	5	104.50	126.50
1.00	32/.2	13	21.20	20	58.75	79.35	102.50	5	136.00	160.00
1.50	30/.25	17	30.35	16	76.00	104.50	141.00	5	184.00	220.00
2.50	50/.25	24	50.30	12	122.00	168.00	227.00	4	291.00	352.00
4.00	56/.3	30	77.00	8	183.00	259.00	339.00	-	470.00	564.00
6.00	84/.3	38	114.00	6	267.00	380.00	498.00	-	685.00	848.00
10.00	80/.4	52	194.00	1	454.00	650.00	853.00	-	1165.00	1421.00
16.00	126/.4	70	317.00	1	718.00	1012.00	1372.00	-	1795.00	-----
25.00	196/.4	88	493.00	1	1158.00	1651.00	2174.00	-	2930.00	-----
35.00	276/.4	110	688.00	1	1597.00	2300.00	3006.00	-	4051.00	-----
50.00	396/.4	145	975.00	1	2287.00	3247.00	4279.00	-	5894.00	-----
70.00	354/.5	215	1369.00	1	3186.00	4524.00	6018.00	-	8124.00	-----

SINGLE CORE INDUSTRIAL CABLE (MULTISTRAND) 90 / 180 / 200 / 300 METER

Polycab FR/FRLS Insulated Single Core Unsheathed Industrial (Multistrand) Cables - Flame Retardant Lead Free (FRLF)/ Heat Resistant Flame Retardant Low Smoke Halogen-Lead Free Conforming Tols - 694:1990 With Bright Annealed Electrolytic Bare Copper Conductor For Voltage

Rate Per Coil

PRIE-LIST * Dated : 11th MAY 2023 • W.E.F. : 22nd MAY 2023 • LP NO. 01/2023-24

1

PRIE-LIST * Dated : 13th MAY 2023 • W.E.F. : 22nd MAY 2023 • LP NO. 01/2023-24

1

SQ.MM	AMP.	FRLF / OPTIMA + 90 Mtr.	COIL PER BOX	FR-LF/ OPTIMA+ POUCH 180 Mtr.	POUCH PER BOX	FR-LF		FRLS-H		COIL PER BOX
						300 Mtr.	200 Mtr.	300 Mtr.	200 Mtr.	
1.00	12	1745	24	3490	12	6150	-----	6330	-----	8
1.50	16	2545	16	5090	10	9040	-----	9310	-----	6
2.50	22	4005	12	8010	6	14675	-----	15125	-----	4
4.00	29	5850	8	11700	4	-----	14860	-----	15315	4
6.00	37	8745	6	17490	3	-----	22235	-----	22905	3
10.00	45	15380	1	-----	-----	-----	39550	-----	40715	1
16.00	68	22755	1	-----	-----	-----	62075	-----	63915	1

DISTRIBUTORS



One-Stop Integrated Sourcing & Procurement Partner For All Industrial & Commercial Products sourcing needs

1

PRICE-LIST • Dated : 13th MAY 2023 • W.E.F. : 22nd MAY 2023 • LP NO. 01/2023-24

POLYCAR INDUSTRIAL COPPER BRAIDED (SCREENED) CABLES

Polycab Annealed Bare Cu Flexible Conductor PVC Insulated, Tinned Cu Braided (Screened) PVC Sheathed Flexible Unarmoured Cables 1100 Volts.

Rate Per Meter

CORES	SQ.MM										
	0.5	0.75	1.0	1.5	2.5	4	6	10	16	25	35
2	93.00	113.00	128.00	157.00	239.00	326.00	459.00	-	-	-	-
3	109.00	140.00	174.00	216.00	318.00	502.00	700.00	1061.00	1604.00	3023.00	3967.00
4	134.00	174.00	213.00	266.00	402.00	613.00	853.00	1427.00	2302.00	3644.00	5043.00
6	181.00	239.00	279.00	378.00	605.00	-	-	-	-	-	-
7	195.00	274.00	318.00	419.00	684.00	-	-	-	-	-	-
8	227.00	326.00	362.00	483.00	714.00	-	-	-	-	-	-
10	287.00	359.00	481.00	607.00	797.00	-	-	-	-	-	-
12	326.00	405.00	515.00	684.00	933.00	-	-	-	-	-	-
14	359.00	481.00	605.00	819.00	1122.00	-	-	-	-	-	-
16	384.00	560.00	679.00	902.00	1320.00	-	-	-	-	-	-
19	459.00	664.00	802.00	1122.00	1705.00	-	-	-	-	-	-
24	553.00	740.00	1005.00	1376.00	2137.00	-	-	-	-	-	-

OVERALL SHIELDED-UNARMoured INSTRUMENTATION CABLES

Flexible Bare Copper Conductor PVC Insulated, Cross Laid Up, Overall Aluminium Mylar Tape Shielded Along with ATC Drain Wire PVC Outer Sheath Instrumentation Unarmoured Cables.

Rate Per Meter

CORES	0.5 SQ.MM.	0.75 SQ.MM.	1.0 SQ.MM.	1.5 SQ.MM.	2.5 SQ.MM.
2	66.00	84.00	98.00	127.00	196.00
3	86.00	108.00	131.00	175.00	275.00
4	101.00	135.00	165.00	221.00	345.00
5	121.00	161.00	201.00	265.00	420.00
6	138.00	186.00	236.00	321.00	504.00
7	151.00	209.00	259.00	360.00	595.00
8	171.00	236.00	296.00	411.00	664.00
10	201.00	279.00	360.00	496.00	805.00
12	240.00	336.00	423.00	595.00	962.00
14	276.00	398.00	498.00	697.00	-----
16	305.00	440.00	549.00	769.00	-----
19	354.00	482.00	670.00	902.00	-----
24	443.00	631.00	812.00	1157.00	-----

SUBMERSIBLE CABLES

Polycab PVC / Xlpe Insulated and PVC Sheathed Industrial 3 Core Flat Submersible Cable with Bare Bunched Copper Conductor for Submersible Pump Motors with Voltage Grade 1100 Volts as per IS:694/2010 (500 Meters Packing)

CONDUCTOR AREA SQ. MM.	RATE PER METER
1.50	106.00
2.50	168.00
4.00	244.00
6.00	361.00
10.00	625.00
16.00	965.00
25.00	1544.00
35.00	2118.00

INDUSTRIAL WELDING CABLES

Polycab Annealed Bare Copper Conductor Flexible Welding Cable Generally Confirming to IS 9857

CONDUCTOR AREA SQ.MM.	CURRENT CARRYING CAPACITY	RATE PER METER
16.00	120	409.00
25.00	160	611.00
35.00	230	856.00
50.00	400	1225.00
70.00	600	1707.00
95.00	700	2309.00
120.00	1100	2858.00

DISTRIBUTORS



One-Stop Integrated Sourcing & Procurement Partner For All Industrial & Commercial Products sourcing needs

1

PRICE-LIST • Dated : 13th MAY 2023 • W.E.F. : 22nd MAY 2023 • LP NO. 01/2023-24

LAN (COMPUTER) CABLES

Polycab Make Solid Copper Conductor, Polyethylene Insulation, twisted Pairs, Lay-up, Ext Grey Fr Outer Sheathed Unarmoured Cable As Per Spec. TIA/EIA 568 B2

TYPE	UNARMOURED		ARMOURED
	SPEED & COLOUR	Rate per 305 MTRS	RATE PER MTR
CAT-5	SPEED 1 GBPS for 250 MHZ GREY COLOUR	13625	-----
CAT-6 UTP	SPEED 1 GBPS for 250 MHZ Blue / Yellow COLOUR	14310	120.50
CAT-6A UTP	SPEED 1 GBPS for 250 MHZ GREY COLOUR	18590	-----
CAT-6 FTP	SPEED 1 GBPS for 250 MHZ GREY COLOUR	19440	-----

TELEPHONE (SWITCHBOARD) CABLES

Polycab High Conductivity Solid Annealed Bare Copper industrial Telephone (Switchboard) Cables with High Density Polyethylene Insulation, Paired, Polyester and Sheathed with High Oxygen Index, Fire Retardant, PVC Compound, Grey Outer Sheath generally conforming ITD Specification.

NO. OF PAIRS	RATE PER METER		90 METERS		PKG.
	0.4 MM	0.5 MM	0.4 MM	0.5 MM	
2 PAIR	16.80	24.20	1510.00	2175.00	20
3 PAIR	---	34.30	---	3085.00	16
4 PAIR	---	45.30	---	4075.00	12
5 PAIR	---	56.75	---	5105.00	8
10 PAIR	---	113.25	---	10190.00	1
20 PAIR	---	223.60	---	20125.00	1
50 PAIR	---	560.00	---	---	1
1000 PAIR	---	1106.00	---	---	1

SOLAR DC CABLE

ATC Conductor LSOH Outersheath (Type-1) (Black Colour With Red Strip/Black Color) in Coil of 500 Mtrs.

SIZE IN SQ. MM.	RATE
4	88.50
6	126.00

CCTV CABLES

SIZE	UNARMOURED 90 MTRS	UNARMOURED 180 MTRS	UNARMOURED 300 MTRS
3 + 1	4390.00	8780	14633
4 + 1	4800.00	9600	16000
SIZE	ARMOURED RATE PER MTRS		
4 + 1	159.00		

COAXIAL CABLES

Polycab PVC/XIpe Insulated and PVC Sheathed Industrial 3Core Flat Laminated Aluminium Tape and Aluminium Wire Braid, Jelly Flooded PVC Black Jacketed Industrial Coaxial Cables.

TYPE	UNARMOURED		ARMOURED
	RATE PER 100 MTR	RATE PER 305 MTR.	RATE PER MTR
RG - 59	3020	9210	-----
RG - 6	3800	11590	112.00
RG - 11	8375	25545	170.00
RG - 06 CCS	2085	6360	92.00
RG - 11 CCS	4510	13755	139.00

INDUSTRIAL SPEAKER WIRE (OXYGEN FREE)

SPEAKER WIRES (OXYGEN FREE COPPER CONDUCTOR)

SIZE	RATE	SIZE	RATE
23/36	2355	23/38	1685
40/36	3685	40/38	2585
70/36	5080	70/38	4235

SIZE	RATE
1.00 SQ. MM.	4745.00
1.50 SQ. MM.	6525.00
2.50 SQ. MM.	11590.00

SOLID ALUMINIUM CONDUCTOR FLAT SERVICE CABLES

POLYCARB PVC INSULATED AND SHEATHED TWIN CORE FLAT & THREE CORE ROUND CABLES 1100 VOLTS EACH CORE HAVING SINGLE SOLID ALUMINIUM CONDUCTOR SERVICE CABLES AS PER IS 694

CORES	SQ. MM.	RATE PER METER
2	2.5	58.90
2	4	78.90
2	6	104.50
2	10	152.25

* OUR BANK DETAILS *

Name : Vashi Integrated Solutions Limited.
Bank Name : HDFC BANK LTD.
Branch : Mumbai-Sandoz House
Bank A/C No.: 50200050070484
IFSC Code.: HDFC0000240

DISTRIBUTORS



One-Stop Integrated Sourcing &
Procurement Partner For
All Industrial & Commercial
Products sourcing needs

4

PRICE-LIST • Dated : 1st FEBRUARY 2023 • W.E.F. : 3rd FEBRUARY 2023 • LP NO. 4/2022-2023

POLYCAB COPPER ARMoured CABLES

RATE PER METER

PVC/XLPE ARMoured Cables with COPPER Conductor 650/1100 V. Grade Confirming to IS:7098 (Pt-1) 1988.

NO. OF CORES	1.5 SQ. MM. 2XWY / 2XFY	2.5 SQ. MM. 2XWY / 2XFY	CROSS SECTION IN SQ. MM.	2 CORE	3 CORE	3.5 CORE	4 CORE	5 CORE	6 CORE
2	177.00	243.00	4	330.00	442.00	-----	557.00	788.00	971.00
3	215.00	315.00	6	451.00	611.00	-----	788.00	1085.00	1308.00
4	265.00	395.00	10	718.00	982.00	-----	1290.00	1814.00	-----
5	317.00	469.00	16	1000.00	1468.00	-----	1890.00	2701.00	-----
6	373.00	556.00	25	1568.00	2235.00	2688.00	2945.00	4218.00	-----
7	416.00	631.00	35	2193.00	3096.00	3512.00	4072.00	5865.00	-----
8	536.00	727.00	50	2969.00	4265.00	4939.00	5622.00	7824.00	-----
10	606.00	912.00	70	4104.00	6019.00	7075.00	8361.00	-----	-----
12	665.00	1047.00	95	5988.00	8897.00	10150.00	11635.00	-----	-----
14	758.00	1184.00	120	7139.00	10964.00	13400.00	14800.00	-----	-----
16	850.00	1344.00	150	8939.00	13601.00	15456.00	17875.00	-----	-----
19	1009.00	1611.00	185	11065.00	17069.00	19932.00	22673.00	-----	-----
24	1263.00	2018.00	240	14256.00	22176.00	25644.00	29219.00	-----	-----
			300	18055.00	27512.00	32256.00	37178.00	-----	-----
			400	24562.00	36288.00	41530.00	47578.00	-----	-----

POLYCAB ALUMINIUM ARMoured CABLES

RATE PER METER

PVC/XLPE ARMoured Cables with ALUMINIUM Conductor 650/1100 V. Grade Confirming to IS:7098 (Pt-1) 1988.

CROSS SECTION IN SQ. MM.	1 CORE	2 CORE	3 CORE	3.5 CORE	4 CORE
2.5	-----	139.00	148.00	-----	172.00
4	-----	152.00	172.00	-----	202.00
6	-----	199.00	215.00	-----	258.00
10	-----	251.00	274.00	-----	311.00
16	156.00	255.00	284.00	-----	372.00
25	203.00	298.00	364.00	429.00	456.00
35	242.00	349.00	479.00	530.00	600.00
50	292.00	444.00	620.00	710.00	778.00
70	374.00	622.00	829.00	960.00	1058.00
95	416.00	747.00	1035.00	1200.00	1340.00
120	502.00	910.00	1292.00	1473.00	1660.00
150	591.00	1142.00	1530.00	1730.00	1980.00
185	724.00	1363.00	1920.00	2189.00	2427.00
240	919.00	1744.00	2455.00	2810.00	3220.00
300	1130.00	2125.00	3040.00	3434.00	4060.00
400	1426.00	2615.00	3940.00	4390.00	5160.00

TERMS : (1) All Taxes Extra as applicable. (2) Rates are subject to change without prior notice. (3) This cancels all our previous Price Lists.

DISTRIBUTORS



One-Stop Integrated Sourcing & Procurement Partner For All Industrial & Commercial Products sourcing needs

4

PRICE-LIST • Dated : 1st FEBRUARY 2023 • W.E.F. : 3rd FEBRUARY 2023 • LP NO. 4/2022-2023

POLYCAB H.T. XLPE ARMoured ALUMINIUM CABLES

"POLYCAB" Brand Stranded Compact Circular Aluminium Conductor, Conductor Screen With Extruded Semi Conducting Compound, XLPE Insulated, Insulation Screening with extruded Semi Conducting Compound in combination with Copper Tape, cores laid up, innersheath of PVC tape, galvanised flat steel strip armoured and overall PVC Sheathed Cable conforming to IS 7098/ (PART-II) 1985 with latest amendments. **RATE PER METER**

COND. CROSS SECTION IN SQ. MM.			6.6 KV (UE) 11 KV (E)	22 KV (E)	33 KV (E)
3	X	35	1248.00	-----	-----
3	X	50	1467.00	-----	-----
3	X	70	1757.00	-----	-----
3	X	95	2032.00	2817.00	3680.00
3	X	120	2410.00	3127.00	4036.00
3	X	150	2788.00	3572.00	4511.00
3	X	185	3217.00	3989.00	4933.00
3	X	240	3882.00	4820.00	5729.00
3	X	300	4594.00	5461.00	6340.00
3	X	400	5733.00	6470.00	7598.00

NOTE : ROUND WIRE ARMOURING FOR H.T. CABLES ADD 25% EXTRA IN ABOVE RATES.

PRICE-LIST • Dated : 1st FEB 2023 • W.E.F. : 3rd FEB 2023

OVERALL SHIELDED-ARMoured INSTRUMENTATION CABLES

"POLYCAB" Str/Solid Cu PVC XLPE Insulated Core/Pair/Traid Quad laid up together with Al (Inner sheathed GI Steel Wire Mylar/Drain Wire) Round/Strip PVC Outer Sheathed Instrumentation. **RATE PER METER**

TYPE	NO.	SIZE	RATE	SIZE	RATE	SIZE	RATE	SIZE	RATE	SIZE	RATE
PAIR	1	0.5	124	0.75	144	1	161	1.5	192	2.5	264
PAIR	2	0.5	181	0.75	217	1	250	1.5	311	2.5	447
PAIR	3	0.5	217	0.75	272	1	325	1.5	415	2.5	617
PAIR	4	0.5	260	0.75	331	1	399	1.5	522	2.5	783
PAIR	5	0.5	301	0.75	390	1	476	1.5	631	2.5	959
PAIR	6	0.5	347	0.75	453	1	551	1.5	736	2.5	1119
PAIR	8	0.5	426	0.75	567	1	700	1.5	942	2.5	1445
PAIR	10	0.5	511	0.75	674	1	844	1.5	1148	2.5	1763
PAIR	12	0.5	579	0.75	787	1	993	1.5	1345	2.5	2101
PAIR	16	0.5	726	0.75	972	1	1259	1.5	1736	2.5	2718
TRIAD	1	0.5	150	0.75	181	1	205	1.5	253	2.5	350

POLYCAB

LP NO.4/2022-2023

4

JELLYFILLED ARMoured TELEPHONE CABLES

RATE PER METER

NO. OF PAIRS	ARMoured (0.50 MM)
5	161
10	257
20	374
50	807
100	1710
200	3142

TERMS : (1) All Taxes Extra as applicable. (2) Rates are subject to change without prior notice. (3) This cancels all our previous Price Lists.

OUR BANK DETAILS

Beneficiary Name : Vashi Integrated Solutions Limited.

Bank Name : HDFC BANK LTD.
Bank A/C No.: 50200050070484

Bank Name : HDFC BANK LTD.
IFSC Code.: HDFC0000240

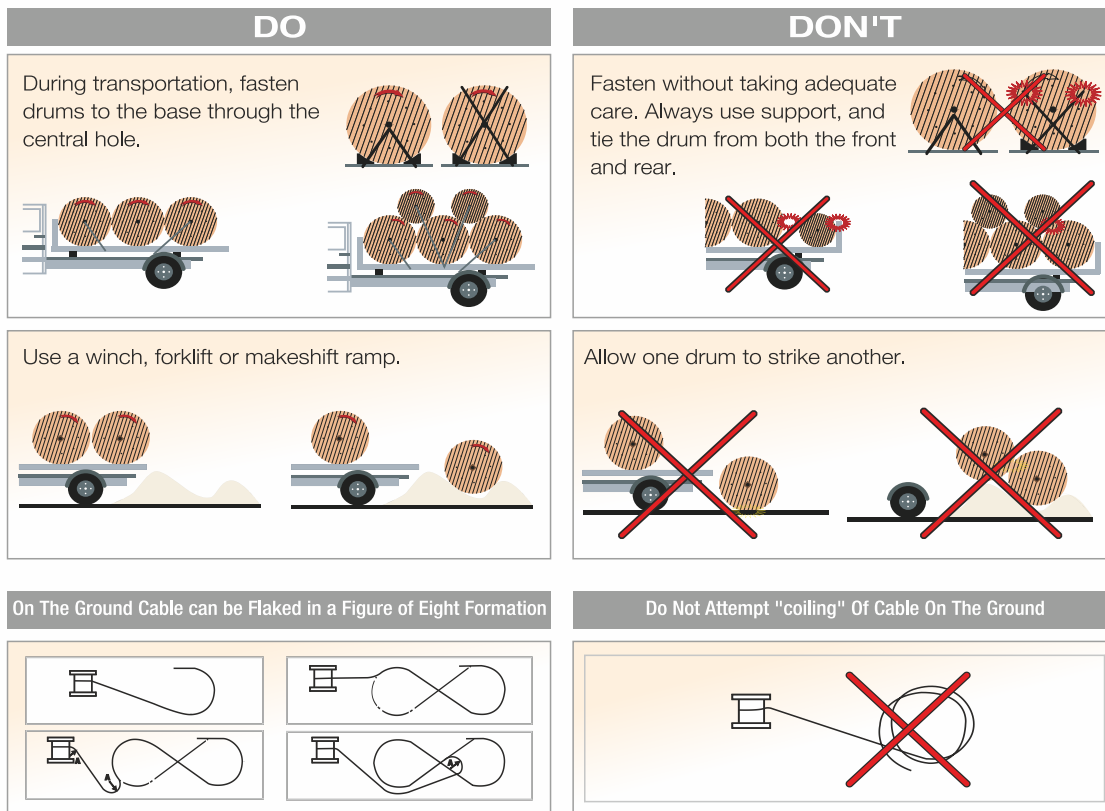


Cable Handling & Storage

- Great care is taken in the manufacturing of cable to ensure quality at every stage.
- Handling of cable at site is the next important factor to ensure that by mishandling the cable, the outer sheath and insulation shall not get damaged.

The handling is generally carried out by unskilled or semi-skilled men, strict supervision should be maintained so that the cables, which can be very easily damaged, is handled with great care.

DO	DON'T
	<p>Never drop reels. If reels must be rolled, roll in opposite direction of the cable wraps to keep cable from loosening on the reel.</p>
<p>If a forklift is used for handling and shifting the cable drum, the forks shall approach the reel from the flange side. The forks shall be positioned such that the reel is lifted with both reel flanges.</p>	<p>Do not allow the lift forks to contact the cable. Care must be taken by the forklift operator not to make sudden turns or stops.</p>
<p>When using a hoist, install a mandrel through the reel arbor holes and attach a sling. Use a spreader bar approximately 6 inches longer than the overall reel width placed between the sling ends just above the reel flanges.</p>	<p>This may lead to the bending of the reel flanges and mashing the cable.</p>
<p>It is always safer to use a strong and well-drained surface for storing drums. If possible, the drums should be raised from the ground by the insertion of wooden planks, etc, below and on both sides of the drums: some check pieces should be placed so as not to allow the drums to be rolled loosely and easily. Cable drums should also be stored away from the direct sun and rains. Reason: Direct sunrays can cause deterioration due to UV rays and rain can cause damage to wooden drum, resulting drum collapse after few months.</p>	<p>Multiple reels stacked on top of each other ("Pancake" storage) is not recommended for cable drums. The weight of the stack can total thousands of kgs, creating an enormous load on the bottom reel. Also, damage to the reel and/or cable will likely occur when the reel is flipped for transit. A concentration of stress on the reel flange may cause it to break and subsequently damage the cable.</p>
<p>Always use proper stoppers to prevent the drum from rolling.</p>	<p>When rolling in the direction of the arrow, never roll for more than 5 metres. Otherwise the cable may become unfit for use.</p>
<p>Ensure stoppers for every drum, to prevent mishaps during storage. Place the wedges by the flanges/full width of the drum</p>	<p>Allow the drums to roll at any cost. Stack the drums on non-triangular/non-square wedges.</p>



INSTALLATION & LAYING

Unreeling (Cable Pulling)

- For unreeling cable from a drum it should be mounted on cable jack. The drum should be lifted above the ground with clearance of 50-100 mm so that while unreeling the drum flanges should not touch the ground and get damaged.
- The drum should never be kept flat on its side on the ground and the cable unreeled in coil from the same. This invariably leads to Kinking and bird-caging.
- "Bird-Caging" is a defect caused due to twist of cable during wrong unreeling. It results outersheath crack or cuts and armour swelling. Photograph of birdcaging.



- The technique of pulling cables is also an important, Sub-standard and haphazard handling can cause damage to the cable which may weaken the cable components, and cause a failure in due course. Care must be taken to select a suitable position for the cable drum jacks in order to ensure that the drum may be raised and rotated with full safety. The jacks should therefore be placed on a firm support of thick boards.
- Care should be taken to exert a steady pull avoiding any jerks. Twisting or kinking of cable is very dangerous as this may cause damage to the small size of cable conductors, insulation and sheath, shifting and knife-edging of the armouring and damage to the serving, etc. Care should be taken to avoid short bends and consequent straining of conductors.
- Proper handling of cables is very important both for safety as well as long life of the installation.
- The most common causes of cable failure are due to mishandling of the product at installation stage
- This can be prevented by unwinding the cable by loading the drum on jacks & pulling in the proper direction with stocking or pulling eye.
- For pulling longer lengths and higher diameter of cables Pulling Eyes can be used..
- In case of smaller lengths, pulling is carried out by manual labour and when the length is longer by means of winches or other mechanical means.
- While pulling with a rope, care is necessary to avoid bending of the cable a close watch should be maintained to ensure the cable runs freely over the cable rollers and passes smoothly without rubbing against any surface.