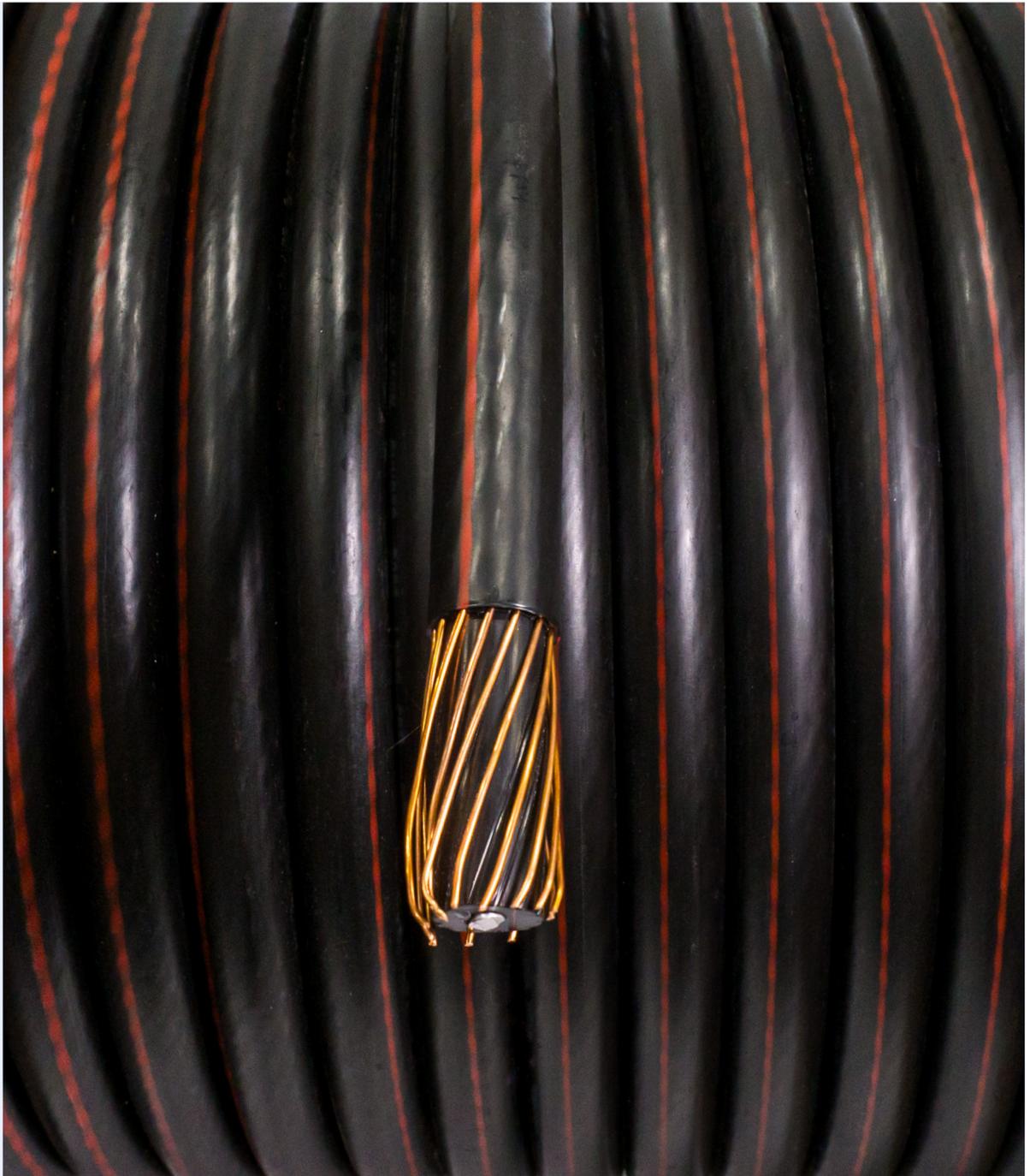


TEXCAN

A Sonepar Company



UTILITY DISTRIBUTION CABLE CATALOGUE

WHY CHOOSE TEXCAN?

Our expertise lies in providing solutions tailored to each customer's individual needs. Texcan has been a leader in the wire and cable industry since 1978, consistently going above and beyond to serve our customers. As one of the largest wire and cable suppliers in Canada, Texcan specializes in serving the electrical market and offers an extensive range of products and specialized services.

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Texcan takes pride in our extensive inventory, offering a diverse selection of wire and cable options to meet customers' specific requirements. We prioritize convenience, ensuring that our customers have easy access to the products they need, when they need them.

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Texcan is a proud member of the Sonepar Group. Founded in 1969, the Sonepar Group of companies is an independent family-owned company and global market leader in B to B distribution of electrical products, solutions, and related services.

PRODUCT SOURCING

Texcan's preferred partners are selected based on their reputation for excellence, reliability, and expertise in their respective fields. These partnerships are built on mutual trust, shared values, and a commitment to delivering exceptional customer experiences. By collaborating with industry-leading manufacturers and suppliers, Texcan ensures that it consistently offers outstanding products and solutions to its diverse customer base.



LIVE 24/7, 365 DAY EMERGENCY SUPPORT

Texcan recognizes the crucial importance of continuous, year-round operations. We understand that during emergencies, disruptions can pose significant risks and expenses. That's why we are fully committed to delivering prompt assistance whenever it is required. Our dedicated team is available 24/7 to provide live help, ensuring that your operations can swiftly resume without any unnecessary delays. To access our live assistance, simply call our toll-free number, 1.800.665.1025.

We are ready to provide the support you need, anytime, anywhere.



ENGINEERING SUPPORT

By choosing Texcan, you gain access to our dedicated in-house engineering and product management team, along with manufacturer support for your project. The sooner you engage us, the greater the value we can provide.

When you collaborate with us, we can assist in reviewing your bill of materials, ensuring accuracy and efficiency. Our team specializes in streamlining cabling specifications, optimizing designs, and technical compliance throughout the project life cycle. Our expertise allows us to streamline processes and enhance overall project efficiency.

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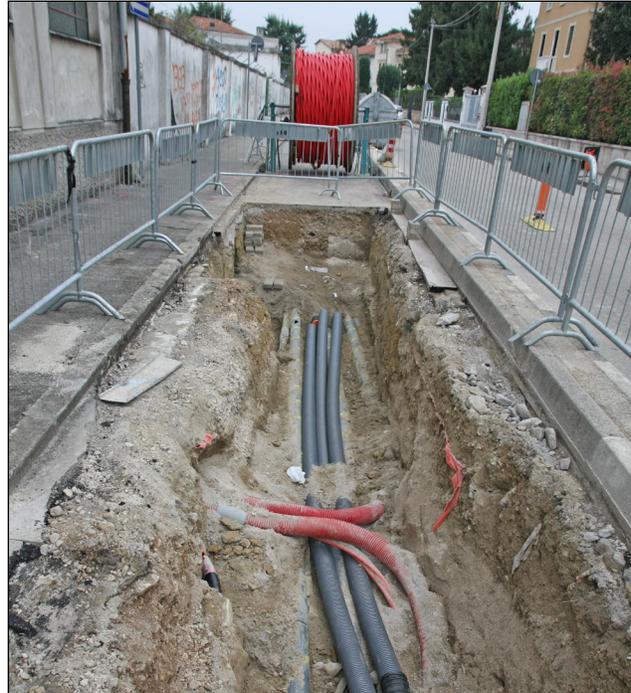
To Place an Order - For many of the products in the catalogue, you will find everything that you need to place an order. Should you need any assistance or require special orders, please contact your sales representative. A complete list of our sales offices can be found on the back cover of this catalogue.

Introduction

Utility distribution cables range from low to high voltage and are used for power generation, distribution and transmission. Power and underground distribution cables typically have stranded aluminum or copper conductors, with cross-linked polyethylene (XLPE) or ethylene polypropylene rubber (EPR) insulation. This provides dependable performance under adverse weather conditions. Power cables have a copper tape shield, while utility wires and cables may be shielded or unshielded. Distribution wire cables are concentric neutral.

Applications

Power and utility cables are used across a broad range of industries in overhead and underground applications, for power transmission, distribution and generation. ACSR cables are used as bare overhead transmission cables. USEI and USEB underground service cables are used in residential, commercial and industrial farm distribution systems, oil pump jacks and irrigation systems. N575 cables are used to deliver power from overhead lines or transformers to service entrance conductors at buildings or other structures.



Specifications

- CSA C49.2 (ACSR) - smooth body
- CSA C61089 (ACSR)
- CSA C22.2 No. 129 (Duplex, Triplex, Quadruplex) NS75
- CAN/CSA C61089 (Duplex, Triplex, Quadruplex) NS75
- CSA C22.2 No 52 (USEI-90 and USEB-90)

CAUTION NOTICE

In case of fire, well maintained early warning smoke detectors will give an alarm long before non-metallic coverings become combustible. However, the Electrical and Electronic Manufacturers Association of Canada has suggested that all purchasers of PVC insulated / jacketed products be advised of the following:

- Non-metallic coverings of electrical cables can burn and may transmit fire when ignited.
- Burning non-metallic coverings may emit acid gases which are toxic and may generate dense smoke.
- Emission of acid gases may corrode metal in the vicinity e.g. sensitive instruments and reinforcing rods in cement.

The installer and/or user assumes all liability for the consequences of the installation and/or use of any of the products in violation of any applicable law, regulation, or code.

ACSR Utility Distribution Cable



SPECIFICATIONS

- CSA C49.2 - smooth body
- CSA C61089
- ASTM



CONSTRUCTION

Conductor: Aluminum Concentric lay- stranded around an inner core of galvanized steel wire(s)
Options: Standard reel and long lengths available upon request. Other options include: Smooth Body ACSR, ACSS, AAC/ASC and AAA/ASC Poly Covered

Part Number	Code Word	Conductor AWG Size	Nominal Weight		Stranding No x Dia		Cross section (sq in) TOTAL	Approx Diameter	
			(LBS/MFT)	kg/km	ALUM (in)	STEEL (in)		(in)	(mm)
25001-02-000	SWAN	4	57	85	6x.0834	1x.0834	0.0383	0.250	6.4
25001-04-4140	HADDOCK	2	121	180	6x.1490	1x.1490	0.0695	0.308	7.8
25001-04-4160	SPARROW	2	91.3	136	6x.1052	1x.1052	0.0608	0.316	8.0
25001-07-000	RAVEN	1/0	145	216	6x.1327	1x.1327	0.0967	0.398	10.1
25001-08-000	QUAIL	2/0	183	273	6x.1489	1x.1489	0.1219	0.447	11.4
25001-09-1640	PIGEON	3/0	231	344	6x.1672	1x.1672	0.1537	0.502	12.8
25001-10-000	PENGUIN	4/0	291	434	6x.1878	1x.1878	0.1939	0.563	14.3
25001-12-2440	PARTRIDGE	266.8	367	547	26x.1013	7x.0788	0.2436	0.642	16.3
25001-13-000	LINNET	336.4	462	689	26x.1137	7x.0884	0.3070	0.720	18.3
25001-19-000	IBIS	397.5	545	813	26x.1236	7x.0961	0.363	0.783	19.9
25001-15-000	HAWK	477	655	977	26x.1354	7x.1053	0.4357	0.858	21.8
25001-15-001	PELICAN	477	518	772	18x.1628	1x.1628	0.3954	0.814	20.7
25001-16-000	DOVE	556.5	764	1139	26x.1463	7x.1138	0.5083	0.927	23.5
25001-37-000	DRAKE	795	1091	1627	26x.1749	7x.1360	0.7264	1.108	28.1
25001-39-000	CURLEW	1033.5	1328	1981	54x.1383	7x.1383	0.9169	1.245	31.6

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

Duplex Utility Distribution Cable NS75



SPECIFICATIONS

- CSA C22.2 No. 129
- CAN/CSA C61089



CONSTRUCTION

Conductor: Compact aluminum

Insulation: Linear low-density Polyethylene (LLDPE)

Voltage: 600V

Bare Neutral: Aluminum conductor steel reinforced (ACSR) stranded neutral conductor is Class A smooth body compact stranded

Options: Available in NS90, PVC jacketed phase conductors, and covered neutral upon request

Part Number	Phase Conductor				ACSR Compact Bare			Approx Diameter		Net Weight	
	AWG	OD (mm)	Min Insulation Thickness (mm)	Nominal Insulation O.D. (mm)	AWG	Neutral	Neutral Cond. O.D (mm)	(in)	(mm)	(LBS/MFT)	(KG/KM)
09033-02-000	6	4.29	1.04	6.63	6	Full	5	0.47	12	74	111
09033-04-000	4	5.41	1.04	7.75	4	Full	6.4	0.55	14	113	169

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

Triplex Utility Distribution Cable NS75



SPECIFICATIONS

- CSA C22.2 No. 129
- CAN/CSA C61089



CONSTRUCTION

Conductor: Two compact, insulated aluminum conductors

Insulation: Linear low-density Polyethylene (LLDPE)

Voltage: 600V

Bare Neutral: Aluminum conductor steel reinforced (ACSR) stranded neutral conductor is Class A smooth body compact stranded.

Options: Available in NS90, PVC jacketed phase conductors, and covered neutral upon request

Part Number	Phase Conductor				ACSR Compact Bare			Approx Diameter		Net Weight	
	AWG	OD (mm)	Min Insulation Thickness (mm)	Nominal Insulation O.D. (mm)	AWG	Neutral	Neutral Cond. O.D (mm)	(in)	(mm)	(LBS/MFT)	(KG/KM)
09033-12-000	6	4.29	1.10	6.65	6	Full	4.60	0.51	13	75	112
09033-13-000	4	5.41	1.04	7.75	4	Full	6.35	0.62	16	169	252
09033-13-000R	4	5.41	1.04	7.75	6	Reduced	5.03	0.59	15	147	220
09033-14-000	2	6.88	1.04	9.14	2	Full	8.11	0.74	19	257	383
09033-14-000R	2	6.81	1.04	9.14	4	Reduced	6.35	0.70	18	223	333
09033-16-000	1/0	8.53	1.37	11.60	1/0	Full	10.10	0.94	24	403	601
09033-16-000R	1/0	8.53	1.37	11.60	2	Reduced	8.11	0.90	23	354	527
09033-17-000	2/0	9.65	1.37	12.60	2/0	Full	11.50	1.06	27	504	751
09033-18-000	3/0	10.70	1.37	13.80	3/0	Full	12.80	1.14	29	625	931
09033-19-000	4/0	12.10	1.37	15.20	4/0	Full	14.30	1.26	32	777	1157

Note: All dimensions are nominal and are subject to normal manufacturing tolerance.
Specifications are subject to change without prior notice.

**Quadruplex Utility Distribution Cable
NS75**



SPECIFICATIONS

- CSA C22.2 No. 129
- CAN/CSA C61089



CONSTRUCTION

Conductor: Three compact, insulated aluminum conductors

Insulation: Linear low-density Polyethylene (LLDPE)

Voltage: 600V

Bare Neutral: Aluminum conductor steel reinforced (ACSR) stranded neutral conductor is Class A smooth body compact stranded

Options: Available in NS90, PVC jacketed phase conductors, and covered neutral upon request

Part Number	Phase Conductor				ACSR Compact Bare			Approx Diameter		Net Weight	
	AWG	OD (mm)	Min Insulation Thickness (mm)	Nominal Insulation O.D. (mm)	AWG	Neutral	Neutral Cond. O.D (mm)	(in)	(mm)	(LBS/MFT)	(KG/KM)
09033-22-000	6	4.29	1.04	6.63	6	Full	5.03	0.59	15	150	224
09033-23-000	4	5.41	1.04	7.75	4	Full	6.35	0.71	18	225	335
09033-24-000	2	6.81	1.04	9.14	2	Full	8.11	0.82	21	340	507
09033-26-000	1/0	8.53	1.37	11.6	1/0	Full	10.10	1.06	27	539	803
09033-27-000	2/0	9.65	1.37	12.6	2/0	Full	11.50	1.00	30	665	991
09033-28-000	3/0	10.7	1.37	13.8	3/0	Full	12.80	1.29	33	822	1224
09033-29-000	4/0	12.1	1.37	15.2	4/0	Full	14.30	1.42	36	1020	1519

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

Guy Wire Utility Distribution Cable

Grade 180



CONSTRUCTION

Conductor: Galvanized Steel

Options: Grade 160, Grade 220, Grade 1300

Part Number	Diameter (in.)	Stranding	Net Weight		Min. Breaking Load
			(LBS/MFT)	(KG/KM)	
06001-03-000	3/16	7 x 0.095	79	118	4000
06001-04-000	1/4	7 x 0.083	129	192	6400
06001-05-000	5/16	7 x 0.109	223	332	11100
06001-05-002	9/32	7 x 0.095	169	251	8500
06001-06-000	3/8	7 x 0.120	270	402	13500
06001-07-000	7/16	7 x 0.144	389	579	19500
06001-08-000	1/2	7 x 0.165	511	760	25500
06002-05-001	5/8	7 x 0.207	813	1210	40200

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

Polyline Utility Distribution Cable



SPECIFICATIONS

- ASTM

CONSTRUCTION

Conductor: Copper Conductor, solid or stranded, soft (annealed), medium hard, or hard drawn

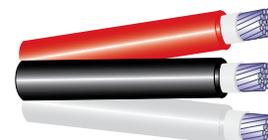
Outer Jacket: High Molecular Weight Polyethylene (HMW-PE)

Part Number	Conductor AWG Size	Stranding	Diameter (in)	Net Weight		Temper
				(LBS/MFT)	(KG/KM)	
25020-06-000	10	1	0.20	219	325	SD
25022-01-000	6	1	0.22	86.7	129.02	SD
25022-02-000	4	1	0.26	135.2	90.85	SD
25022-02-001	4	1	0.26	135.2	90.85	MHD
25024-05-004	2	1	0.35	218.3	324.87	MHD
25024-06-001	1/0	7	0.49	357.5	532.02	MHD
25024-07-002	2/0	7	0.53	446.1	663.87	MHD
25024-17-000	4/0	7	0.64	696.4	1036.36	MHD

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

USEI-90 Utility Distribution Cable

(Reduced/Full)



SPECIFICATIONS

- CSA C22.2 No 52
- FT1



CONSTRUCTION

Conductor: Aluminum stranded Class B compact aluminum

Insulation: Cross-linked Polyethylene (XLPE)

Outer Jacket: Polyvinyl Chloride (PVC)

Voltage: 600V

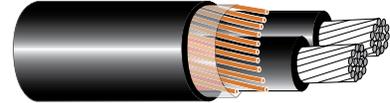
Bare Neutral: Aluminum stranded c/w white Polyvinyl Chloride (PVC) overall

Options: USEI-75

Part Number	Phase Conductor		Neutral Conductor				Effective Diameter Thickness x Width (mm.)	Net Weight	
	AWG	No. of Conductors	AWG	Neutral	Insulation Thickness (in.)	Jacket Thickness (in.)		(LBS/MFT)	(KG/KM)
09051-05-000	2	3	2	Full	0.05	0.02	23	309	460
09051-05-001	2	3	4	Reduced	0.04	0.02	23	282	420
09051-07-000	1/0	3	1/0	Full	0.05	0.04	30	510	760
09051-07-001	1/0	3	2	Reduced	0.04	0.02	29	443	660
09051-09-000	3/0	3	3/0	Full	0.05	0.04	35	739	1100
09051-10-000	4/0	3	4/0	Full	0.05	0.04	38	873	1300
09051-10-001	4/0	3	2/0	Reduced	0.05	0.04	36	772	1150
09051-15-000	250	3	250	Full	0.06	0.06	44	1108	1650
09051-17-000	350	3	350	Full	0.06	0.06	49	1478	2200
09051-17-001	350	3	250	Reduced	0.06	0.06	48	1343	2000
09051-18-000	500	3	500	Full	0.06	0.06	56	1948	2900
09052-05-001	2	4	4	Reduced	0.04	0.02	25	383	570
09052-07-001	1/0	4	2	Reduced	0.04	0.02	32	611	910
09052-10-000	4/0	4	4/0	Full	0.05	0.04	42	1142	1700
09052-10-001	4/0	4	2/0	Reduced	0.05	0.04	41	1075	1600
09052-15-001	250	4	3/0	Reduced	0.05	0.04	47	1343	2000
09052-17-000	350	4	350	Full	0.15	0.06	55	1948	2900
09052-17-001	350	4	250	Reduced	0.06	0.06	54	1814	2700
09052-18-001	500	4	350	Reduced	0.06	0.06	61	2419	3600

Note: All dimensions are nominal and are subject to normal manufacturing tolerance.
Specifications are subject to change without prior notice.

USEB-90 Utility Distribution Cable (Reduced)



SPECIFICATIONS

- CSA C22.2 No 52
- FT1



CONSTRUCTION

- Conductor:** Aluminum stranded, Class B compact or compact soft drawn copper
- Insulation:** Cross-linked Polyethylene (XLPE)
- Outer Jacket:** Polyvinyl Chloride (PVC)
- Voltage:** 600V
- Bare Neutral:** Annealed, plain copper wires
- Options:** Full Neutral available upon request
USEB Reduced Neutral splice kits available upon request

Part Number	Conductor Type	Conductor AWG Size	Reduced Neutral Conductor No. Wires x Size (AWG)	Effective Diameter Thickness x Width		Net Weight	
				(in)	(mm)	(LBS/MFT)	(KG/KM)
09054-03-011	Copper	4	11 x 16	0.551 x 0.866	14 x 22	691	1029
09054-05-011	Copper	2	17 x 16	0.987 x 0.629	25 x 16	897	1336
09054-07-011	Copper	1/0	26 x 16	1.141 x 0.745	29 x 19	1237	1841
09055-03-011	Aluminum	4	9 x 16	0.590 x 0.905	15 x 23	282	420
09055-05-011	Aluminum	2	11 x 16	0.629 x 1.023	16 x 26	369	550
09055-07-011	Aluminum	1/0	17 x 16	0.748 x 1.181	19 x 30	538	800
09055-08-011	Aluminum	2/0	21 x 16	0.787 x 1.299	20 x 33	638	950
09055-10-011	Aluminum	4/0	33 x 16	0.866 x 1.496	22 x 38	940	1400
09055-14-011	Aluminum	300	21 x 10	1.102 x 1.811	28 x 46	1344	2000

Note: All dimensions are nominal and are subject to normal manufacturing tolerance.
Specifications are subject to change without prior notice.

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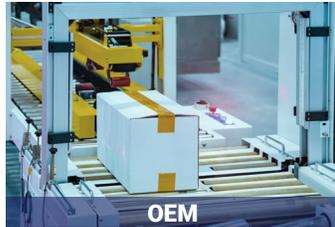
INSTITUTION



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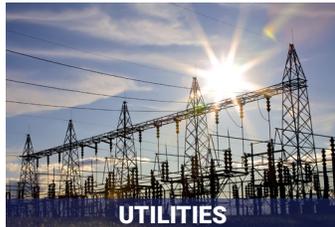
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