



TEXCAN

A Sonepar Company

DATA & TELEPHONE COMMUNICATION CABLE CATALOGUE

Wire & Cable Specialists

Our Commitment

Our commitment to our customers is simple - **we deliver even when others can't.**

As one of Canada's largest wire, cable and data communication distributors for over 40 years, Texcan supplies solutions for automotive, power distribution, control, industrial automation, commercial, residential, premise wiring and networking applications. Our commitment to superior customer service is the number one reason customers keep coming back.

Our parent company, Sonepar, is a major global electrical distributor, with divisions in 44 countries, 5 continents, over 46,000 associates and 2,800 branches.

Dedicated to Our Customers

Texcan understands that business is done between people. We consider a job finished when the customer is completely satisfied. This approach highlights our commitment to quality and our high level of customer service. This winning combination focuses on a personalized approach to our customers.

Product Expertise and Specialized Services

Texcan has five stocking locations in Western Canada. With over 200 employees, Texcan is able to provide product application expertise,

specialized technical assistance and superior sales service to meet our customers' needs.

We constantly strive to bring value to our customers. We provide:

- An extensive range of stock wire products
- Computerized order processing
- Regionalized bar coded warehousing
- Competitive pricing
- Inventory tracking technology
- JIT inventory

Strategic Partnerships

Texcan has worked hard to develop partnerships with customers and vendors and continues to be committed to developing such strategic alliances. These partnerships provide Texcan with a successful and proven record with some of the largest customers in the pulp and paper, mining, petrochemical, transportation, and communication industries.

Thanks to our relationships with key vendors such as: Prysmian Group, Southwire, Belden, Nexans, Northern Cables, Deca Cables, Marmon Electrical, CMP, and PTI Cables Inc., Texcan is able to offer its customers a diverse selection of quality products. We are confident we can continue to be your successful partner now and in the future.

Over 40 Years of Service



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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

Communications would not be as advanced as it has become without the assistance of Data and Telephone Communication cables. Whether used in telephone networks (both indoor and outdoor) or underground, structured copper cables are used to provide power and information to numerous devices throughout a network system.

As networks evolve so do the cables, which require faster modes of speed, shielding requirements and fire safety approvals. Ethernet cables or category un-shielded twisted pairs (UTP) products are built and verified to TIA (Telecommunications Industry Association) specifications.

Applications

Data and Telephone Communication cables contain multiple constructions which allow them to be installed in indoor, outdoor, overhead and burial applications. They are available from Texcan's stock in armoured, shielded, filled, multi-paired or Figure 8 constructions.

Usage includes but is not limited to entrance facilities, horizontal plenums, backbone cabling, premise wiring and telecommunication rooms and enclosures.



Specifications

- CSA FT4/CMR
 - CSA FT6/CMP
 - ANSI/ICEA S-90-661
 - ANSI/TIA/EIA 568 B.2
 - ANSI/TIA/EIA 568 B.2-1
 - NEC/CEC Type CMR or CMP
 - ANSI/TIA/EIA 862
 - MIL-C-24640A
 - 7 CFR 1755.890 (REA PE-89)
 - 7 CFR 1755.390 (REA PE-39)
 - PE-38 & PE-22
 - RoHS Compliant
- *Refer to CE Code for details

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.

Data & Networking Cables

Texcan's Data and Networking cables are available in various constructions, for multiple uses, as outlined below:

Category 3 Cable – Solid bare annealed copper conductor with flame-retardant Polyvinyl Chloride (PVC) insulation and jacket.

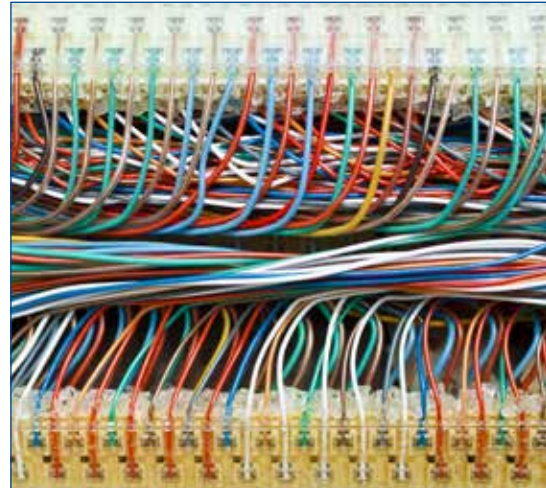
Category 5E Cable – Solid bare annealed copper conductor with either a Polyolefin, Fluoropolymer or high density Polyethylene (HDPE) insulation option. Polyester-backed aluminum foil shield and flame-retardant Polyvinyl Chloride (PVC) jacket.

Category 6 Cable – Solid bare annealed copper conductor with either a Polyolefin, Fluoropolymer or high density Polyethylene (HDPE) insulation option. Polyester-backed aluminum foil shield, tinned copper drain wire and flame-retardant Polyvinyl Chloride (PVC) jacket.

25PR Category 5E Cable – Solid bare annealed copper conductor with a Polyolefin insulation and flame-retardant Polyvinyl Chloride (PVC) jacket.

Armoured Category 5E Cable – Solid bare annealed copper conductor with either a Polyolefin, Polyvinyl Chloride (PVC) or high density Polyethylene (HDPE) insulation. Aluminum/ Mylar foil shield, Polyvinyl Chloride (PVC) inner jacket, Aluminum Interlocked Armour (AIA) and Polyvinyl Chloride (PVC) jacket.

Patch Cable – Stranded tinned copper conductor and a lead free, dark blue, Polyvinyl Chloride (PVC) jacket.



Telephone Communication Cables

Telephone Communication cables are available in various constructions, for multiple uses, as outlined below:

Category Filled Cable – Solid bare annealed copper conductor with a Polyolefin insulation and a UV and abrasion resistant Polyethylene (PE) jacket.

Filled Cable – Solid annealed copper conductor with a dual layer insulation of foamed Polyolefin surrounded by solid Polyolefin skin. A Corrugated-copolymer coated tape shield, ETPR filling compound and linear low density Polyethylene (LLDPE) jacket.

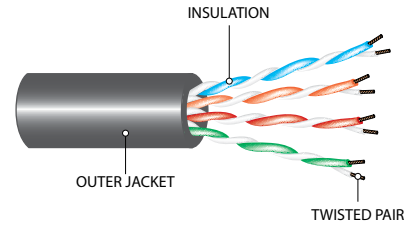
Gopher Resistant Cable – Solid bare annealed copper conductor with a solid high density Polyethylene insulation. Color coded telephone twisted pairs, corrugated-copper bearing tape shield and ETPR filling compound. Linear low density Polyethylene (LLDPE) jacket.

Aircore Cable – Solid annealed copper conductor with a solid high density Polyethylene insulation. Color coded telephone twisted pairs and corrugated-copolymer coated tape shield. Linear low density Polyethylene (LLDPE) jacket.

Figure 8 Cable – Solid annealed copper conductor with a solid high density Polyethylene insulation. Color coded telephone twisted pairs, corrugated-copolymer coated tape shield and 1/4" 7 strand galvanized steel fully flooded support messenger. Linear low density Polyethylene (LLDPE) jacket.

Category 3 Cable

PVC/PVC



SPECIFICATIONS

- Riser Cable - CMR
- Plenum Cable - CMP
- ANSI/ICEA S-90-661
- ANSI/TIA/EIA 568 B.2
- NEC/CEC Type CMR
- RoHS Compliant

-Refer to CE Code for details

CONSTRUCTION

- Conductor:** Solid bare annealed copper
- Insulation:** Flame-retardant semi-rigid Polyvinyl Chloride (PVC)
- Outer Jacket:** Flame-retardant Polyvinyl Chloride (PVC)
- Options:** Other coloured outer jackets available upon request
Armoured versions available upon request

Riser

Part Number	AWG Size		Approximate Diameter		Cable Weight	
	Pairs	Cond.	in.	mm.	LB/ MFT	KG/KM
13053-02-090	2	24	0.140	3.556	9	13
13053-03-090	3	24	0.150	3.810	13	19
13053-04-090	4	24	0.170	4.318	16	24
13053-06-090	6	24	0.210	5.334	23	34
13053-12-090	12	24	0.270	6.858	47	70
13053-25-090	25	24	0.420	10.668	105	156
13053-50-090	50	24	0.560	14.224	185	275
13053-100-090	100	24	0.740	18.796	375	558
13053-200-090	200	24	1.020	25.908	724	1077
13053-300-090	300	24	1.230	31.242	1077	1603

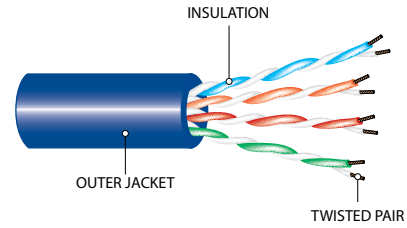
Plenum

Part Number	AWG Size		Approximate Diameter		Cable Weight	
	Pairs	Cond.	in.	mm.	LB/ MFT	KG/KM
13053-02-096	2	24	0.130	3.302	10	15
13053-03-026	3	24	0.150	3.810	13	19
13053-04-096	4	24	0.160	4.064	17	25
13053-06-096	6	24	0.180	4.572	24	36
13053-25-026	25	24	0.420	10.668	102	152
13053-50-096	50	24	0.590	14.986	220	327
13053-100-096	100	24	0.840	21.336	440	655

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

Category 5E Cable

PVC



SPECIFICATIONS

- Riser Cable - CMR
- Plenum Cable - CMP
- ANSI/ICEA S-90-661
- ANSI/TIA/EIA 568 B.2
- NEC/CEC Type CMR
- RoHS Compliant

-Refer to CE Code for details

CONSTRUCTION

Conductor: Solid bare annealed copper

Insulation: Polyolefin or Fluoropolymer

Shield: Polyester-backed aluminum foil (if applicable - see table below for applicability)

Outer Jacket: Flame-retardant Polyvinyl Chloride (PVC)

Options: Other coloured outer jackets available upon request

Armoured versions available upon request

Riser

Part Number	AWG Size		Approximate Diameter		Cable Weight		Minimum Bend Radius (in)	Maximum Pulling Force (lbs)	Shield	Colour
	Pairs	Cond.	in.	mm.	LB/MFT	KG/KM				
13055-04-5E4G	4	24	0.200	5.080	21	31	1	25	No	Blue
13075-04-5E40	4	24	0.250	6.350	36	54	1	25	Yes	Blue
13055-04-5E2G	4	24	0.200	5.080	21	31	1	25	No	White
13055-04-5E7G	4	24	0.200	5.080	21	31	1	25	No	Yellow
13055-04-5E5G	4	24	0.200	5.080	21	31	1	25	No	Green
13055-04-5E100G	4	24	0.200	5.080	21	31	1	25	No	Purple
13055-04-5E10G	4	24	0.200	5.080	21	31	1	25	No	Black
13055-04-5E9G	4	24	0.200	5.080	21	31	1	25	No	Grey
13055-04-5E3G	4	24	0.200	5.080	21	31	1	25	No	Red

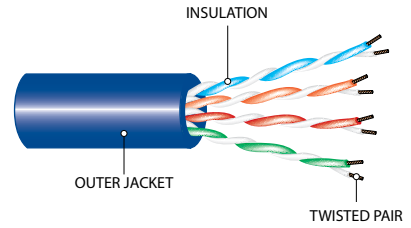
Plenum

Part Number	AWG Size		Approximate Diameter		Cable Weight		Minimum Bend Radius (in)	Maximum Pulling Force (lbs)	Shield	Colour
	Pairs	Cond.	in.	mm.	LB/MFT	KG/KM				
13055-04-5E46G	4	24	0.180	4.572	19	28	1	25	No	Blue
13075-04-5E46G	4	24	0.225	5.715	32	48	1	25	Yes	Blue
13055-04-5E26G	4	24	0.200	5.080	21	31	1	25	No	White

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

Category 5E Cable

PVC



SPECIFICATIONS

- CSA FT4
- ANSI/ICEA S-90-661
- ANSI/TIA/EIA 568 B.2
- NEC/CEC Type CMR
- RoHS Compliant

-Refer to CE Code for details



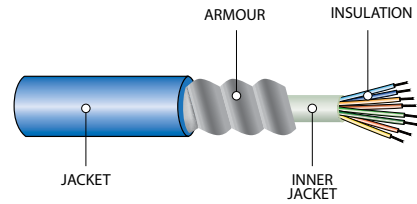
CONSTRUCTION

- Conductor:** Stranded bare annealed copper
- Insulation:** High Density Polyethylene (HDPE)
- Outer Jacket:** Flame-retardant Polyvinyl Chloride (PVC)
- Options:** Other coloured outer jackets available upon request
Armoured versions available upon request

Part Number	AWG Size		Approximate Diameter		Cable Weight		Minimum Bend Radius (in)	Maximum Pulling Force (lbs)	Shield
	Pairs	Cond.	in.	mm.	LB/MFT	KG/KM			
13095-04-5E10	4	24	0.213	5.410	22	33	N/A	N/A	No

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

Armoured Category 5E Cable PVC/PVC



SPECIFICATIONS

- CSA FT4
 - ANSI/TIA/EIA 568 B.2
- Refer to CE Code for details



CONSTRUCTION

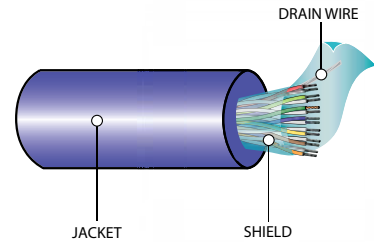
- Conductor:** Solid bare annealed copper
- Insulation:** Polyolefin, high density Polyethylene (HDPE) or Polyvinyl Chloride (PVC)
- Shield:** Aluminum/ Mylar Foil (if applicable - see table below for applicability)
- Inner Jacket:** Polyvinyl Chloride (PVC)
- Armour:** Aluminum Interlocked Armour (AIA)
- Outer Jacket:** Polyvinyl Chloride (PVC)
- Options:** Other coloured outer jacket available upon request

Part Number	AWG Size		Approximate Diameter		Cable Weight		Min. Bend Radius (in.)	Insulation	Shield	Colour
	Pairs	Cond.	in.	mm.	LB/MFT	KG/KM				
50-121700R-040AIA	4	24	0.530	13.462	102	152	6.5	Polyolefin	No	Blue
13055-04-5E4AIA	4	24	0.520	13.208	122	182	5.2	HDPE	No	Blue
13055-04-5E42AIA	8	24	0.701	17.805	154	229	7.2	HDPE	No	Blue
50-121702A	8	24	0.705	17.907	248	369	10.5	Polyolefin	No	Blue
50-YC45732-2X1702A	16	24	0.860	21.844	260	387	17.2	PVC	No	Blue
13075-04-5E40AIB	4	24	0.580	14.732	145	216	5.8	Polyolefin	Yes	Blue
13075-04-5E42AIB	8	24	0.833	21.158	316	470	10.0	Polyolefin	Yes	Blue

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

Category 6 Cable

HDPE/PVC



SPECIFICATIONS

- CSA FT4/CMR or FT6*/CMP
- ANSI/TIA/EIA 568 B.2-1
- ANSI/TIA/EIA 862
- RoHS Compliant

-Refer to CE Code for details

CONSTRUCTION

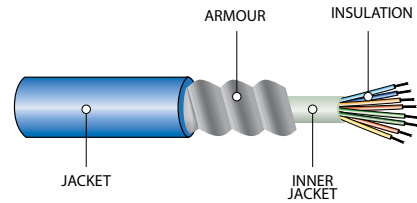
- Conductor:** Solid bare annealed copper
- Insulation:** Polyolefin, Fluoropolymer, or high density Polyethylene (HDPE)
- Shield:** Polyester-Individual aluminum foil shield pairs
- Drain Wire:** Tinned copper (optional)
- Outer Jacket:** Flame-retardant Polyvinyl Chloride (PVC)
- Options:** Other coloured outer jackets available upon request
Individual or overall shielded pairs available upon request

Part Number	AWG Size		Approximate Diameter		Cable Weight		Minimum Bend Radius (in.)	Maximum Pulling Force (LB)	Insulation	Shield	Colour
	Pairs	Cond.	in.	mm.	LB/MFT	KG/KM					
13055-04-1040G	4	23	0.205	5.207	28	42	1	32	Polyolefin	No	Blue
13055-04-1020G	4	23	0.205	5.207	28	42	1	32	Polyolefin	No	White
13055-04-1070G	4	23	0.205	5.207	28	42	1	32	Polyolefin	No	Yellow
13055-04-1050G	4	23	0.205	5.207	28	42	1	32	Polyolefin	No	Green
13055-04-1026G*	4	23	0.205	5.207	28	42	1	32	Polyolefin	No	White
13055-04-1106G*	4	23	0.205	5.207	28	42	1	32	Polyolefin	No	Purple
13055-04-1046G	4	23	0.200	5.080	28	42	1	32	Fluoropolymer	No	Blue
13075-04-1040	4	23	0.276	7.010	33	49	N/A	N/A	HDPE	Yes	Blue

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

Armoured Category 6 Cable

HDPE/PVC



SPECIFICATIONS

- Riser Cable - CMR
- FT4**
- ANSI/TIA/EIA 568 B.2-1
- ANSI/TIA/EIA 862
- RoHS Compliant

-Refer to CE Code for details



CONSTRUCTION

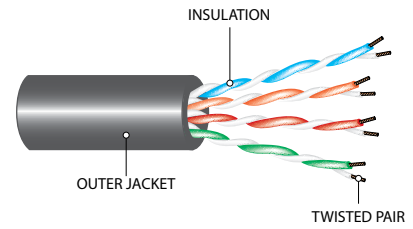
- Conductor:** Solid bare annealed copper
- Insulation:** Polyolefin, Fluoropolymer, or high density Polyethylene (HDPE)
- Shield:** Belfoil Shield Tape (if applicable - see table below for applicability)
- Drain Wire:** Tinned copper
- Inner Jacket:** High Density Polyethelyne (HDPE)
- Armour:** Aluminum Interlocked Armour (AIA)
- Outer Jacket:** Flame-retardant Polyvinyl Chloride (PVC)
- Options:** Other coloured outer jackets available upon request
Individual or overall shielded pairs available upon request

Part Number	AWG Size		Approximate Diameter		Cable Weight		Minimum Bend Radius (in.)	Maximum Pulling Force (LB)	Insulation	Shield	Colour
	Pairs	Cond.	in.	mm.	LB/MFT	KG/KM					
13055-04-1010AIA	4	23	0.500	12.700	114	170	7	200	HDPE	No	Black
13055-04-1040AIA	4	23	0.500	12.700	114	170	7	200	HDPE	No	Blue
13075-04-1010AIB	4	23	0.680	17.272	173	257	6.8		Polyolefin	Yes	Black
13075-04-1040AIB	4	23	0.500	12.700	173	257	6.8		Polyolefin	Yes	Blue
50-1872A-010AIA**	4	23	0.688	17.475	154	229	8.25	200	Polyolefin	No	Black
50-1872A-040AIA**	4	23	0.688	17.475	154	229	8.25	200	Polyolefin	No	Blue
50-1872A-090AIA**	4	23	0.688	17.475	154	229	8.25	200	Polyolefin	No	Grey
50-YC48122-040AIA	8	23	0.783	19.888	218	324	8	200	Polyolefin	No	Blue

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

Category C5E 25PR

Polyolefin/PVC



SPECIFICATIONS

- CMR Riser
- ANSI/TIA/EIA 568 B.2-1
- ANSI/ICEA S-90-661
- RoHS Compliant

-Refer to CE Code for details

CONSTRUCTION

Conductor: Solid bare annealed copper

Insulation: Polyolefin

Outer Jacket: Flame-retardant Polyvinyl Chloride (PVC)

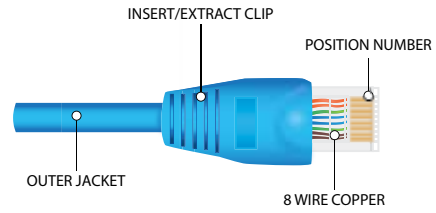
Options: Other coloured outer jacket available upon request as well as CMP Plenum

Part Number	AWG Size		Approximate Diameter		Cable Weight	
	Pairs	Cond.	in.	mm.	LB/MFT	KG/KM
13055-25-5E9G	25	24	0.500	12.700	125	186

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

Patch Cables

PVC



SPECIFICATIONS

- ANSI/TIA/EIA 568 B.2
- MIL-C-24640A
- Refer to CE Code for details

CONSTRUCTION

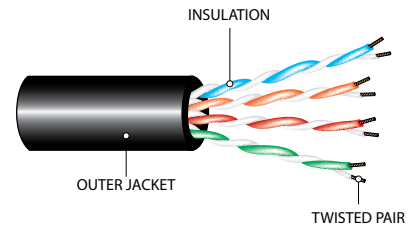
- Conductor:** Stranded tinned copper
- Outer Jacket:** Lead free Polyvinyl Chloride (PVC), dark blue
- Options:** Available in custom lengths

Part Number	AWG Size		Approximate Diameter		Cable Length
	Cond.	Stranding	in.	mm.	
61-TCPC-6RUVB-DB04F	24	7x32	0.209	5.300	4ft
61-TCPC-6RUVB-DB07F	24	7x32	0.209	5.300	7ft
61-TCPC-6RUVB-DB10F	24	7x32	0.209	5.300	10ft

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

Category Filled Cables

Polyolefin/PE



SPECIFICATIONS

- ANSI/TIA/EIA 568 B.2
- MIL-C-24640A
- Refer to CE Code for details

CONSTRUCTION

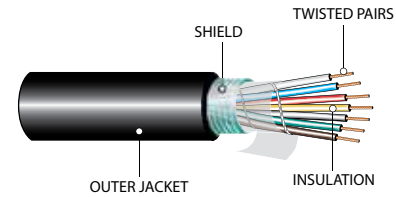
- Conductor:** Solid bare annealed copper conductor
- Insulation:** Polyolefin
- Shield:** Aluminum tape shield (optional)
- Color Code:** Telephone color code
- Flooding Compound:** Waterproof gel
- Outer Jacket:** UV and abrasion resistant Polyethylene (PE)
- Options:** Other sizes, colours and custom designs available upon request

Part Number	AWG Size		Category	Shield
	Pairs	Cond		
13152-02-012E	4	24	5e	No
13055-02-1010G	4	23	6	No
13152-02-5E12	4	24	5e	Yes
13152-02-1010	4	23	6	Yes

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

Filled Cables

Polyolefin/LLDP



SPECIFICATIONS

- 7 CFR 1755.890 (REA PE-89)

CONSTRUCTION

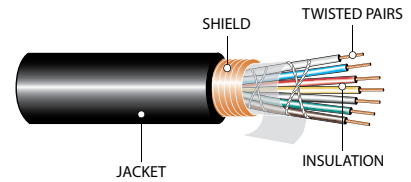
- Conductor:** Solid annealed copper
- Insulation:** Dual layer- foamed Polyolefin surrounded by solid Polyolefin skin
- Shield:** Corrugated-copolymer coated tape
- Filling Compound:** ETPR filled compound
- Outer Jacket:** Linear low density Polyethylene (LLDPE), black
- Options:** Other sizes, colours and custom designs available upon request

Part Number	AWG Size		Approximate Diameter		Net Weight	
	Pairs	Cond.	in.	mm.	LB/MFT	KG/KM
13152-02-010	6	24	0.400	10.160	70	104
13152-04-010	12	24	0.460	11.684	100	149
13152-07-010	25	24	0.590	14.986	175	260
13152-09-010	50	24	0.720	18.288	290	432
13152-11-010	100	24	0.900	22.860	490	729
13152-13-010	200	24	1.200	30.480	900	1339
13152-14-010	300	24	1.400	35.560	1290	1920
13152-15-010	400	24	1.600	40.640	1700	2530
13152-16-010	600	24	1.900	48.260	2440	3631
13975-02-010	2	22	0.320	8.1000	45	65
13153-02-010	6	22	0.470	11.938	100	149
13153-04-010	12	22	0.540	13.716	140	208
13153-07-010	25	22	0.650	16.510	230	342
13153-09-010	50	22	0.830	21.082	400	595
13153-11-010	100	22	1.100	27.940	725	1079
13153-13-010	200	22	1.400	35.560	1330	1979
13153-14-010	300	22	1.700	43.180	1950	2902
13154-02-010	6	19	0.570	14.478	155	231
13154-04-010	12	19	0.660	16.764	230	342
13154-07-010	25	19	0.870	22.098	415	618
13154-09-010	50	19	1.030	26.162	655	975
13154-11-010	100	19	1.370	34.798	1225	1823

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

Gopher Resistant Cables

HDPE/LLDPE



SPECIFICATIONS

• 7 CFR 1755.390 (REA PE-39)

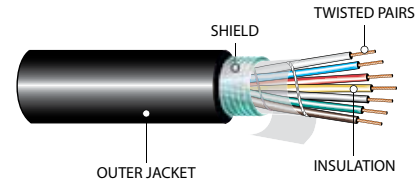
CONSTRUCTION

- Conductor:** Solid annealed copper conductor
- Insulation:** Solid high density Polyethylene (HDPE)
- Twisted Pairs:** Color coded telephone twisted pairs
- Shield:** Corrugated-copper bearing tape
- Filling Compound:** ETPR filled compound
- Outer Jacket:** Linear low density Polyethylene (LLDPE), black
- Options:** Other sizes and custom designs available upon request

Part Number	AWG Size		Approximate Diameter		Cable Weight	
	Pairs	Cond.	in.	mm	LB/MFT	KG/KM
13105-07-010	25	22	0.710	18.034	290	432
13105-09-010	50	22	0.950	24.130	520	774
13158-04-010	12	24	0.510	12.954	135	201
13158-07-010	25	24	0.810	20.574	375	558

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

Aircore Cables HDPE/LLDPE



SPECIFICATIONS

- PE-22

CONSTRUCTION

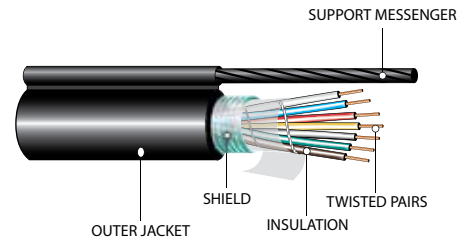
- Conductor:** Solid annealed copper
- Insulation:** Solid high density Polyethylene (HDPE)
- Twisted Pairs:** Color coded telephone twisted pairs
- Shield:** Corrugated-Copolymer coated tape
- Outer Jacket:** Linear low density Polyethylene (LLDPE), Black
- Options:** Other sizes, colours and custom designs available upon request

Part Number	AWG Size		Approximate Diameter		Cable Weight	
	Pairs	Cond.	in.	mm	LB/MFT	KG/KM
13102-02-010	6	24	0.370	9.398	55	82
13102-04-010	12	24	0.430	10.922	80	119
13102-07-010	25	24	0.540	13.716	135	201
13102-09-010	50	24	0.670	17.018	225	335
13102-11-010	100	24	0.880	22.352	400	595
13102-13-010	200	24	1.200	30.480	745	1109
13103-02-010	6	22	0.400	10.160	70	104
13103-04-010	12	22	0.490	12.446	110	164
13103-07-010	25	22	0.630	16.002	190	283
13103-09-010	50	22	0.900	22.860	325	484
13103-10-010	100	22	1.100	27.940	595	885
13104-02-010	6	19	0.490	12.446	110	164
13104-04-010	12	19	0.620	15.748	180	268
13104-07-010	25	19	0.790	20.066	320	476
13104-08-010	50	19	1.100	27.940	590	878

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

Figure 8 Cables

HDPE/LLDPE



SPECIFICATIONS

- PE-38

CONSTRUCTION

- Conductor:** Solid annealed copper
- Insulation:** Solid high density Polyethylene (HDPE)
- Twisted Pairs:** Color coded telephone twisted pairs
- Shield:** Corrugated-Copolymer coated tape
- Support Messenger:** 1/4 " 7 strand galvanized steel fully flooded
- Outer Jacket:** Linear low density Polyethylene (LLDPE), black
- Options:** Other sizes, colours and custom designs available upon request

Part Number	AWG Size		Approximate Diameter		Net Weight	
	Pairs	Cond.	in.	mm	LB/MFT	KG/KM
13112-01-010	6	24	0.370	9.398	205	305
13115-04-010	12	24	0.430	10.922	230	342
13115-07-010	25	24	0.540	13.716	285	424
13113-02-010	6	22	0.400	10.160	220	327
13113-04-010	12	22	0.490	12.446	260	387
13113-07-010	25	22	0.610	15.494	335	499
13114-02-010	6	19	0.490	12.446	260	387
13114-04-010	12	19	0.620	15.748	330	491
13114-07-010	25	19	0.810	20.574	480	714

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

AWG to Metric Conversion Chart

AWG	mm ²	AWG	mm ²	AWG	mm ²
28	0.08	14	2.08	2	33.63
26	0.13	12	3.31	1	42.41
24	0.20	10	5.26	1/0	53.51
22	0.32	8	8.37	2/0	67.44
20	0.52	6	13.30	3/0	85.03
18	0.82	4	21.15	4/0	107.22
16	1.31	3	26.66	250	126.68

Length Conversions

From	To	Multiply By	From	To	Multiply By
Kilometers	Miles	0.6214	Miles	Kilometers	1.6093
Meters	Feet	3.2808	Yards	Meters	0.9144
Meters	Inches	39.3701	Feet	Meters	0.3048
Meters	Yards	1.0936	Feet	Centimeters	30.48
Centimeters	Inches	0.3937	Inches	Meters	0.0254
Centimeters	Feet	0.03281	Inches	Centimeters	2.54
Millimeters	Inches	0.03937	Inches	Millimeters	25.4
Millimeters	Mils	39.3701	Inches	Mils	1000.0
Mils	Inches	0.001	Mils	Millimeters	0.0254

Mass Conversions

From	To	Multiply By	From	To	Multiply By
Kilograms	Pounds	2.205	Pounds	Kilograms	0.4535
Kilograms	Short Tons	0.0011	Short Tons	Kilograms	907.1848
Grams	Grains	15.4323	Grains	Grams	0.0647
Grams	Ounces	0.0352	Ounces	Grams	28.3495

Length & Mass Conversions

From	To	Multiply By
KG/KM	LBS/MFT	0.6719
LBS/MFT	KG/KM	1.488

Temperature Conversions

From	To	Multiply By
Celsius	Fahrenheit	(°C x 9/5) + 32
Fahrenheit	Celsius	(°F - 32) x 5/9

Our Value Added Services

Cable Management Program

- Competitive contract pricing
- Customer specified tagging requirements
- Customer specified reel sizes
- Custom cut lengths
- Long lengths capability
- Timely product releases
(reduces on-site storage space and costs)
- Product on-site scheduling
- Custom packing slips
- Bar coded product labels
- Weatherproof reel tags
- Expediting and progress reports

Specialized Technical Assistance

- Technical expertise on cable applications, installation procedures, ampacities, bending radii, terminations and cable selection

Customized Cable Solutions

- Special constructions built to customer specifications when requested

International Export Services

- Specialized export services, packaging, labeling, freight consolidation, customs advisory services and adherence to Incoterms 2010

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- Offers a contractor a significant installation advantage in a single reel containing multiple phase conductors

Lagging

- A safe method of protecting cables that must be transported through rough terrain involving 2" x 4" lumber 'lags' which are fastened across the flanges encasing the cable reel

Pulling Eyes and Bolts

- A pulling line can be attached to the cable when requested to aid in the installation of cables into conduit, tray or duct

Just-In-Time (JIT)

- Just-in-time shipments to job sites across North America through our network of distribution warehouses
- Our stocking, cutting and shipment expertise ensure that your wire and cable requirements are satisfied and project delays eliminated

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- We understand that our customers' needs don't always fall within the course of a normal business day, therefore we provide 24/7 service

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- Fire Alarm Cables
- ACWU Armoured Cables
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- Solid / Stranded Bare Copper
- RA90 / Armoured Cables CU / AL
- SIMpull Solutions®
- RW90 / RWU 90 CU / AL
- T90 CU / TW75 / TWH / TWU
- LVT

Connectors

- Armoured Cable Connectors
- Explosion-proof Connectors
- Strain Reliefs Metal & Nylon
- High Voltage Termination Kit
- Tray Cable Connectors

Control Cables

- Multiconductor
 - Armoured / Unarmoured
- Portable Control Cables
- Shielded Control Cables
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Communication

- Computer Cables
- Inside / Outside Plant Wires
- Telephone Cables
- Plenum Cables
- Direct Burial

Data Cables

- Category 5E, 6, 6A, 7 Rated Cables
- Co-Axial / Twin-Axial Cables
- Ethernet Cables
- Network Cables
- Patch Cords (Copper / Fiber Optic)
- Armoured Data Cables

Electronic Cables

- Armoured Cables
- Audio / Visual Cables
- Broadcast Cables
- Low Capacitance Wires
- Plenum Wires
- Precision Video Wires
- Industrial Automation Cables
- Belden® Classics & NewGen

Fiber Optic Cables

- SM / MM
- Loose Tube, Tight Buffer
- Indoor / Outdoor / Riser / ADSS

- Armoured / Non-Armoured
- Hybrid Fiber
- Specialty XPRLTM / RLTM

Instrumentation Cables

- Armoured / Unarmoured
 - Interlocked Steel / Aluminum
- Multiconductor / Pairs / Triads
- Shielded / Unshielded

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Portable Cords

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- Ultraflex™ Low Temperature Cords
- Ultraflex™ Extension Cords
- Retractable Cords
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- Welding Cables
- Stage Lighting
- Landscape Lighting
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- VITALink® Fire Resistive
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- TR64
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- Milspec Hookup Wires
- Tracer Wires
- Utility Hydro Cables
- Split Loom
- Automotive Cables
- Variable Frequency Drive (VFD) Cables
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- Heat Trace Cables
- Grounding Cables

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- Made to Customer Specifications

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- 3M Accessories

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- Maxis® 3K Tugger
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- QWIKrope®
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- SIMpull™ REEL
- SIMpull HEAD®
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- SIMpull™ Cradle
- GRIPit™
- A Frame

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