

Tree-Retardant Crosslinked Polyethylene (TRXLPE)

Cable Description

Physical Data

Size	Type	Ins.	Material Number	*** Cond. Dia. (in.)	Str. Shld. Thick. (in.)	Ins. Thick. (in.)	Ins. Shld. Thick. (in.)	Neutral Str. Size	Poly. Jkt. Thick. (in.)	Outside Dia. (in.)	Minimum Bending Rad. (in.)	Weight Lbs./Ft.
*#2 Conc.	1/C	TRXLPE	23-025	.283	.015	.175	.030	10-14 #4 Cu	.050	1.00	12.0	.46
*#2 Conc.	3-1/C Tri.	TRXLPE	23-026	.283	.015	.175	.030	6-14 #6 Cu	.050	1.00 (2.15)	(16.0)	(1.27)
1/0 Conc.	1/C	TRXLPE	23-174	.362	.015	.175	.030	16-14 #2 Cu	.050	1.08	13.0	.64
1/0 Conc.	3-1/C Tri.	TRXLPE	23-173	.362	.015	.175	.030	6-14 #6 Cu	.050	1.08 (2.33)	(17.0)	(1.51)
350 kcmil Conc.	3-1/C Tri.	TRXLPE	23-177	.661	.020	.175	.040	18-14 #2 Cu	.050	1.41 (3.04)	(22.0)	(3.50)
*500 kcmil Conc.	3-1/C Tri.	TRXLPE	23-207	.789	.020	.175	.040	16-12 1/0 Cu	.050	1.57 (3.38)	(24.0)	(4.57)
**500 kcmil conc.	3-1/C Sub.	TRXLPE	23-200	.789	.020	.175	.040	16-12 1/0 Cu	.050	3.67	45.0	6.06
750 kcmil Conc.	1/C	TRXLPE	23-172	.968	.025	.175	.040	16-12 1/0 Cu	.080	1.82	22.0	1.81
750 kcmil Conc.	3-1/C Tri.	TRXLPE	23-171	.968	.025	.175	.040	16-12 1/0 Cu	.080	1.82 (3.92)	(28.0)	(5.63)

Ethylene Propylene Rubber (EPR)

Cable Description

Physical Data

Size	Type	Ins.	Material Number	Cond. Dia. (in.)	Str. Shld. Thick. (in.)	Ins. Thick. (in.)	Ins. Shld. Thick. (in.)	Neutral Str. Size	Poly. Jkt. Thick. (in.)	Outside Dia. (in.)	Minimum Bending Rad. (in.)	Weight Lbs./Ft.
*#2 Conc.	3-1/C Tri.	EPR	23-216	.283	.015	.175	.030	6-14 #6 Cu	.050	1.00 (2.15)	(16.0)	(1.61)
*500 kcmil Conc.	3-1/C Tri.	EPR	23-214	.789	.020	.175	.040	16-12 1/0 Cu	.050	1.57 (3.38)	(24.0)	(4.82)
750 kcmil Conc.	1/C	EPR	23-255	.968	.025	.175	.040	16-12 1/0 Cu	.080	1.82	22.0	1.87
750 kcmil Conc.	3-1/C Tri.	EPR	23-254	.968	.025	.175	.040	16-12 1/0 Cu	.080	1.82 (3.92)	(28.0)	(5.63)

Outside diameters are calculated.

EPR - Ethylene Propylene Rubber

* This cable has a conducting polyethylene jacket used for direct-buried applications, not manholes and conduit lines. However, it can be used in directional bored duct with splice boxes. All other cables have insulating polyethylene jackets and are used only in manholes and conduit lines.

Tri. - Triplex

TRXLPE - Tree-Retardant Crosslinked Polyethylene

() - Values for three 1/C cables

** Submarine - 3 single-conductor triplex cables with fillers under overall .250" high-density polyethylene jacket.

Obsolete cable

*** All conductor diameters are compressed strand.



UNDERGROUND
CONSTRUCTION STANDARDS

LATEST REVISION: OBSOLETE 23-171 AND 23-172; ADDED 23-254 AND 23-255

APP. DATE: 03/31/15

APPROVAL:

ms