

### Description

Secondary UD Power Cable, with aluminum conductors and a single-layer cross-linked polyethylene insulation that is formulated for a balance of flexibility and mechanical toughness.

### Specifications

- UL** UL 854
- ICEA** ICEA S-105-692
- REA** REA U-2

### Ratings

Type USE-2

For 90°C Wet or Dry Operation.



### Design Parameters

#### Conductor

- Class B Compressed Unilay (1 AWG to 4/0 AWG) or Compressed Round aluminum alloy 1350 per ASTM.

#### Phase Insulation

- Extruded thermosetting cross-linked black polyethylene.

#### Neutral Insulation

- Extruded thermosetting cross-linked black polyethylene with three extruded yellow stripes (120° apart) for neutral identification.

#### Assembly

- For multiple cable assemblies, one, two, or three phase conductors with one neutral twisted together.

#### Cable Markings

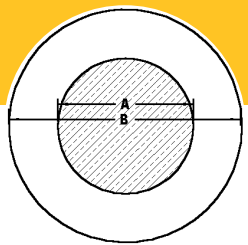
- Sequential footage markings on one phase conductor. Phase identification surface printed in white ink: 1/C - "Phase A", 1/C - "Phase B", 1/C - "Phase C", as applicable.

### Options

- Strandseal®
- Copper or Series 8000 Aluminum Conductor(s)
- Paralleled
- Solid Black Neutral

### Installations

-  Direct Buried
-  Underground Duct
-  Wet Locations
-  Dry Locations
-  Utility Secondary
-  Industrial
-  Underground Service Entrance



# SUPERFLEX™ XLP

600 Volt

Product Number	Code Name	Phase Conductor	Phase Insulation Thickness (mil)		Phase Conductor Diameter (in.)	Outside Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)	† Ampacity (Amps)	
			(A)	(B)					90°C In Duct	90°C Direct Buried
<b>600 Volt Aluminum Single Conductor</b>										
QØI3ØØA	Cornell	8 AWG AL	60	0.143	0.27	33	2	45	70	
QØJ3ØØA	Princeton	6 AWG AL	60	0.180	0.31	44	2	55	90	
QØK3ØØA	Mercer	4 AWG AL	60	0.226	0.35	63	2	75	120	
QØM3ØØA	Clemson	2 AWG AL	60	0.284	0.41	92	2	100	155	
QØO3ØØA	Kenyon	1 AWG AL	80	0.313	0.48	121	2	115	175	
QØQ3ØØA	Harvard	1/0 AWG AL	80	0.352	0.52	146	3	135	200	
QØR3ØØA	Yale	2/0 AWG AL	80	0.395	0.56	177	3	155	225	
QØS3ØØA	Tufts	3/0 AWG AL	80	0.443	0.61	215	3	180	260	
QØT3ØØA	Beloit	4/0 AWG AL	80	0.498	0.67	263	3	210	295	
QØU3ØØA	Hofstra	250 MCM AL	95	0.561	0.76	318	4	230	320	
QØV3ØØA	Rutgers	350 MCM AL	95	0.664	0.87	427	4	285	385	
QØW3ØØA	Emory	500 MCM AL	95	0.794	1.00	587	4	350	465	
QØX3ØØA	Sewanee	750 MCM AL	110	0.974	1.21	867	7	455	580	
QØY3ØØA	Fordham	1000 MCM AL	110	1.124	1.36	1128	7	540	670	

Information Subject to Change without Notice.

**PRODUCT NOTES:**

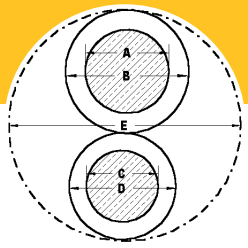
▲ Items are Prysmian authorized stock. The above dimensions are approximate and subject to normal manufacturing tolerances.

Conductor sizes #4 AWG and larger, with the exception of #1 AWG 19/Wire, are available with Strandseal®

†Ampacities are based on the following:

Three conductors triplexed, 90°C conductor temperature, 20°C ambient earth temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and three phase operation.





# SUPERFLEX™ XLP

600 Volt

Product Number	Code Name	Phase Conductor	Phase Insulation Thickness (mils)		Neutral Insulation Thickness (mils)		Phase Conductor Diameter (in.)		Neutral Conductor Diameter (in.)		Outside Diameter (in.)	Cable Weight (lbs./ft)	Minimum Bending Radius (in.)		† Ampacity (Amps)
			(A)	(B)	(C)	(D)	(E)	90°C In Duct	90°C Direct Buried						
<b>600 Volt Aluminum Duplexed - 1/C Phase and 1/C Neutral</b>															
QØIAIØA	Bard	8 AWG AL	60	8 AWG AL	60	0.143	0.27	0.143	0.27	0.54	65	3	50	85	
QØJAJØA	Claffin	6 AWG AL	60	6 AWG AL	60	0.180	0.31	0.180	0.31	0.62	90	3	65	110	
QØKAKØA	Delgado	4 AWG AL	60	4 AWG AL	60	0.226	0.35	0.226	0.35	0.71	128	3	85	140	
QØMAMØA	Everett	2 AWG AL	60	2 AWG AL	60	0.284	0.41	0.284	0.41	0.82	185	4	115	180	
QØRARØA	Findlay	2/0 AWG AL	80	2/0 AWG AL	80	0.395	0.56	0.395	0.56	1.13	355	6	175	265	
QØTATØA	Hanover	4/0 AWG AL	80	4/0 AWG AL	80	0.498	0.67	0.498	0.67	1.33	529	7	235	345	
QØVAVØA	Glenville	350 MCM AL	95	350 MCM AL	95	0.664	0.87	0.664	0.87	1.73	857	9	325	455	

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**PRODUCT NOTES:**

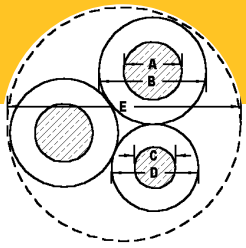
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90°C conductor temperature, 20°C ambient earth temperature, earth RHO of 90°C-cm/Watt, 100% load factor, and 36 inch depth of burial.





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600 Volt

Product Number	Code Name	Phase Conductor	Phase Insulation Thickness (mils)		Neutral Insulation Thickness (mils)		Phase Conductor Diameter (in.)		Neutral Conductor Diameter (in.)		Outside Diameter (in.)	Cable Weight (lbs/ft)	Minimum Bending Radius (in.)		† Ampacity (Amps)
			Phase	Neutral	Phase	Neutral	(A)	(B)	(C)	(D)			(E)	90°C In Duct	
<b>600 Volt Aluminum Triplexed - 2/C Phase and 1/C Neutral</b>															
QØIBJØA	Dowling	8 AWG AL	60	8 AWG AL	60	0.143	0.27	0.143	0.27	0.58	97	3	50	85	
▲ QØJBQØA	Erskine	6 AWG AL	60	6 AWG AL	60	0.180	0.31	0.180	0.31	0.66	134	3	65	110	
▲ QØKKBØA	Vassar	4 AWG AL	60	4 AWG AL	60	0.226	0.35	0.226	0.35	0.76	191	4	85	140	
▲ QØMBKØA	Stephens	2 AWG AL	60	4 AWG AL	60	0.284	0.41	0.226	0.35	0.86	249	4	115	180	
QØMBMØA	Ramapo	2 AWG AL	60	2 AWG AL	60	0.284	0.41	0.284	0.41	0.89	278	4	115	180	
QØOBOØA	Grossmont	1 AWG AL	80	1 AWG AL	80	0.313	0.48	0.313	0.48	1.03	364	6	130	205	
▲ QØQBMØA	Brenau	1/0 AWG AL	80	2 AWG AL	60	0.352	0.52	0.284	0.41	1.06	385	6	155	235	
QØQBQØA	Bergen	1/0 AWG AL	80	1/0 AWG AL	80	0.352	0.52	0.352	0.52	1.12	439	6	155	235	
QØRBMØA	Fisk	2/0 AWG AL	80	2 AWG AL	60	0.395	0.56	0.284	0.41	1.13	447	6	175	265	
▲ QØRBOØA	Converse	2/0 AWG AL	80	1 AWG AL	80	0.395	0.56	0.313	0.48	1.17	476	6	175	265	
QØRBQØA	Shaw	2/0 AWG AL	80	1/0 AWG AL	80	0.395	0.56	0.352	0.52	1.19	501	6	175	265	
QØRBRØA	Hunter	2/0 AWG AL	80	2/0 AWG AL	80	0.395	0.56	0.395	0.56	1.21	533	7	175	265	
QØSBMØA	Calvert	3/0 AWG AL	80	2 AWG AL	60	0.443	0.61	0.284	0.41	1.22	524	7	205	305	
QØSBOØA	Chase	3/0 AWG AL	80	1 AWG AL	80	0.443	0.61	0.313	0.48	1.24	553	7	205	305	
▲ QØSBQØA	Hollins	3/0 AWG AL	80	1/0 AWG AL	80	0.443	0.61	0.352	0.52	1.27	578	7	205	305	
QØSBSØA	Rockland	3/0 AWG AL	80	3/0 AWG AL	80	0.443	0.61	0.443	0.61	1.31	648	7	205	305	
QØTBOØA	Coburn	4/0 AWG AL	80	1 AWG AL	80	0.498	0.67	0.313	0.48	1.34	649	7	235	345	
QØTBQØA	Molloy	4/0 AWG AL	80	1/0 AWG AL	80	0.498	0.67	0.352	0.52	1.35	674	7	235	345	
▲ QØTBRØA	Sweetbriar	4/0 AWG AL	80	2/0 AWG AL	80	0.498	0.67	0.395	0.56	1.37	705	7	235	345	
QØTBTØA	Monmouth	4/0 AWG AL	80	4/0 AWG AL	80	0.498	0.67	0.498	0.67	1.43	792	8	235	345	
QØUBRØA	Aquinas	250 MCM AL	95	2/0 AWG AL	80	0.561	0.76	0.395	0.56	1.53	816	8	260	375	
QØUBSØA	Pratt	250 MCM AL	95	3/0 AWG AL	80	0.561	0.76	0.443	0.61	1.57	854	8	260	375	
QØUBUØA	Yeshiva	250 MCM AL	95	250 MCM AL	95	0.561	0.76	0.561	0.76	1.64	958	9	260	375	
QØVBQØA	Greenville	350 MCM AL	95	1/0 AWG AL	80	0.664	0.87	0.352	0.52	1.73	1003	9	325	455	
QØVBSØA	Gloucester	350 MCM AL	95	3/0 AWG AL	80	0.664	0.87	0.443	0.61	1.74	1072	9	325	455	
▲ QØVBTØA	Wesleyan	350 MCM AL	95	4/0 AWG AL	80	0.664	0.87	0.498	0.67	1.76	1120	9	325	455	
QØVBVØA	Newark	350 MCM AL	95	350 MCM AL	95	0.664	0.87	0.664	0.87	1.86	1285	10	325	455	
QØWBTØA	Old Dominion	500 MCM AL	95	4/0 AWG AL	80	0.794	1.00	0.498	0.67	1.99	1440	10	400	555	
QØWBVØA	Rider	500 MCM AL	95	350 MCM AL	95	0.794	1.00	0.664	0.87	2.07	1605	13	400	555	
QØWBWØA	Westchester	500 MCM AL	95	500 MCM AL	95	0.794	1.00	0.794	1.00	2.14	1765	13	400	555	
QØXBVØA	Villanova	750 MCM AL	110	350 MCM AL	95	0.974	1.21	0.664	0.87	2.43	2166	15	400	555	
QØXBWØA	Fairfield	750 MCM AL	110	500 MCM AL	95	0.974	1.21	0.794	1.00	2.49	2327	15	520	685	
QØXBXØA	Seton Hall	750 MCM AL	110	750 MCM AL	110	0.974	1.21	0.974	1.21	2.60	2611	16	520	685	

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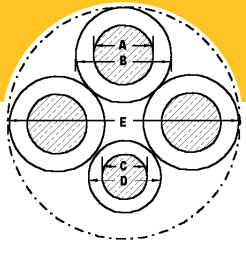
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90°C conductor temperature, 20°C ambient earth temperature, earth RHO of 90°C-cm/Watt, 100% load factor, 36 inch depth of burial, and neutral carrying only unbalanced load.



1-800-845-8507 (US)  
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			Phase	Neutral	(A)	(B)	(C)	(D)	(E)	90°C In Duct			90°C Direct Buried		
<b>600 Volt Aluminum Quadruplexed - 3/C Phase and 1/C Neutral</b>															
QØKCKØA	Tulsa	4 AWG AL	60	4 AWG AL	60	0.226	0.35	0.226	0.35	0.86	254	4	75	120	
QØMCJØA	Miami	2 AWG AL	60	6 AWG AL	60	0.284	0.41	0.180	0.31	0.94	322	4	100	155	
QØMCKØA	Dyke	2 AWG AL	60	4 AWG AL	60	0.284	0.41	0.226	0.35	0.97	341	4	100	155	
QØMCMØA	Wittenberg	2 AWG AL	60	2 AWG AL	60	0.284	0.41	0.284	0.41	1.00	370	6	100	155	
QØQCMØA	Notre Dame	1/0 AWG AL	80	2 AWG AL	60	0.352	0.52	0.284	0.41	1.20	531	7	135	200	
QØQCQØA	Purdue	1/0 AWG AL	80	1/0 AWG AL	80	0.352	0.52	0.352	0.52	1.26	585	7	135	200	
QØRCOØA	Syracuse	2/0 AWG AL	80	1 AWG AL	80	0.395	0.56	0.313	0.48	1.33	653	7	155	225	
QØRCRØA	Lafayette	2/0 AWG AL	80	2/0 AWG AL	80	0.395	0.56	0.395	0.56	1.37	710	7	155	225	
QØSCQØA	Swarthmore	3/0 AWG AL	80	1/0 AWG AL	60	0.443	0.61	0.352	0.52	1.44	794	8	180	260	
QØSCSØA	Davidson	3/0 AWG AL	80	3/0 AWG AL	80	0.443	0.61	0.443	0.61	1.48	864	8	180	260	
QØTCMØA	McPherson	4/0 AWG AL	80	2 AWG AL	60	0.498	0.67	0.284	0.41	1.48	884	8	210	295	
QØTCQØA	Doane	4/0 AWG AL	80	1/0 AWG AL	80	0.498	0.67	0.352	0.52	1.54	938	8	210	295	
QØTCRØA	Wake Forest	4/0 AWG AL	80	2/0 AWG AL	80	0.498	0.67	0.395	0.56	1.55	969	8	210	295	
QØTCTØA	Earlham	4/0 AWG AL	80	4/0 AWG AL	80	0.498	0.67	0.498	0.67	1.62	1056	9	210	295	
QØUCSØA	Rust	250 MCM AL	95	3/0 AWG AL	80	0.561	0.76	0.443	0.61	1.78	1173	9	230	320	
QØUCUØA	Palomar	250 MCM AL	95	250 MCM AL	95	0.561	0.76	0.561	0.76	1.85	1277	10	230	320	
QØVCTØA	Slippery Rock	350 MCM AL	95	4/0 AWG AL	80	0.664	0.87	0.498	0.67	2.00	1548	11	285	385	
QØVCVØA	Niagara	350 MCM AL	95	350 MCM AL	95	0.664	0.87	0.664	0.87	2.10	1713	13	285	385	
QØWCVØA	Wofford	500 MCM AL	95	350 MCM AL	95	0.794	1.00	0.664	0.87	2.35	2192	15	350	465	
QØWCWØA	Marshall	500 MCM AL	95	500 MCM AL	95	0.794	1.00	0.794	1.00	2.42	2352	15	350	465	
QØXCVØA	Westminster	750 MCM AL	110	350 MCM AL	95	0.974	1.21	0.664	0.87	2.76	3035	17	455	580	
QØXCWØA	Windham	750 MCM AL	110	500 MCM AL	95	0.974	1.21	0.794	1.00	2.82	3195	17	455	580	
QØXCXØA	Tabor	750 MCM AL	110	750 MCM AL	110	0.974	1.21	0.974	1.21	2.94	3479	18	455	580	

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