

Triplex Service Drop Wire

Overhead cable for aerial distribution and service connection

Triplex Service Drop Wire is prepared for preliminary product selection and quotation review. This product is used for overhead distribution routes where conductor arrangement, insulation, messenger or neutral support and installation environment determine cable selection.



VOLTAGE

600V

CONDUCTOR

Aluminum / reinforced conductor route, according to overhead cable standard

TYPICAL USE

Aerial bundled cable systems

STANDARDS

ICEA S-76-474; ASTM B230; ASTM B231; ASTM B232; additional project standards

DATA SCOPE

3 technical table(s) included for preliminary selection

SELECTION NOTE

Confirm voltage, conductor, core arrangement, messenger/neutral and installation span.

For quotation review, provide cable type, standard, size, quantity and project destination.

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Application & Selection Summary

Typical applications

- Aerial bundled cable systems
- overhead service drops
- rural and urban distribution networks
- utility line upgrade projects.

Selection logic

- Confirm voltage grade, conductor material, core arrangement, messenger/neutral requirement, installation span and applicable utility standard.

Construction Overview

Item	Website-ready content
Product route	Aluminum or copper conductor with insulation and optional messenger or bundled arrangement according to product type.
Voltage	600V
Conductor	Aluminum / reinforced conductor route, according to overhead cable standard
Standards	ICEA S-76-474; ASTM B230; ASTM B231; ASTM B232; ASTM B399; ASTM B400; ASTM B901
Confirmation	Final structure, dimensions and packing should follow selected standard, quotation review and order specification.

Readable Data Index

Data route	Size / rating range	Construction	Diameter / OD	Resistance / weight / rating
Triplex Service Drop Wire - Technical Table 1	6 AWG - 336.4 kcmil	See table	See table	136 - 1114
Triplex Service Drop Wire - Technical Table 2	6 AWG - 336.4 kcmil	See table	See table	108 - 1163
Triplex Service Drop Wire - Technical Table 3	4 AWG - 4/0 AWG	See table	See table	190 - 239

Data boundary: these tables support website launch, quotation review and preliminary product selection. For project execution, final dimensions, electrical performance, packing and compliance documents should be confirmed against the selected project standard and order specification.

Triplex Service Drop Wire - Technical Table 1

Reference table for preliminary selection and quotation review.

Code Word	Phase Size	Phase Strand	Insul. (mil)	Neutral Size	Neutral Strand	OD (in.)	Weight (lb/kft)	Ampacity 75/90 C
Haiotis	6 AWG	Solid	30	6 AWG	7	0.482	136	75 / 85
Patella	6 AWG	7	30	6 AWG	7	0.514	141	75 / 85
Fusus	4 AWG	Solid	30	4 AWG	7	0.572	204	100 / 115
Oyster	4 AWG	7	30	4 AWG	7	0.679	151	100 / 115
Clam	2 AWG	7	45	2 AWG	7	0.806	230	135 / 150
pMpulsiscelati	2 sAWG	7	45	4 AWG	7	0.806	224	135 / 150
Purpura	1/0 AWG	9	60	1/0 AWG	7	1.020	369	180 / 205
Murex	1/0 AWG	7	60	1/0 AWG	7	1.031	370	180 / 205
Nassa	2/0 AWG	7	60	2/0 AWG	7	1.126	456	210 / 235
Trophon	2/0 AWG	19	60	2/0 AWG	7	1.136	697	210 / 235
Melita	3/0 AWG	17	60	3/0 AWG	19	1.216	558	240 / 270
Portunus	4/0 AWG	18	60	4/0 AWG	19	1.334	292	280 / 315
Nannynose	336.4 kcmil	19	60	336.4 kcmil	19	1.739	1114	395 / 445

Triplex Service Drop Wire - Technical Table 2

Reference table for preliminary selection and quotation review.

Code Word	Phase Size	Phase Strand	Insul. (mil)	Neutral Size	Neutral Strand	OD (in.)	Weight (lb/kft)	Ampacity 75/90 C
Paludina	6 AWG	1	30	6 AWG	6/1	0.544	108	75 / 85
Voluta	6 AWG	7	30	6 AWG	6/1	0.579	113	75 / 85
Whelk	4 AWG	Solid	30	4 AWG	6/1	0.264	87	100 / 115
Periwinkle	4 AWG	7	30	4 AWG	6/1	0.679	170	100 / 115
Conch	2 AWG	7	45	2 AWG	6/1	0.806	259	135 / 150
Neritina	1/0 AWG	7	60	1/0 AWG	6/1	1.031	416	180 / 205
Runcina	2/0 AWG	7	60	2/0 AWG	6/1	1.126	514	210 / 235
Triton	2/0 AWG	11	60	2/0 AWG	6/1	1.112	512	210 / 235
Mursia	3/0 AWG	17	60	3/0 AWG	6/1	1.216	632	240 / 270
Zuzara	4/0 AWG	18	60	4/0 AWG	6/1	1.334	385	280 / 315
Limpet	336.4 kcmil	19	60	6 AWG	7	1.739	1163	395 / 445

Triplex Service Drop Wire - Technical Table 3

Reference table for preliminary selection and quotation review.

Code Word	Phase Size	Phase Strand	Insul. (mil)	Neutral Size	Neutral Strand	OD (in.)	Weight (lb/kft)	Ampacity 75/90 C
Artemia	4 AWG	Solid	30	6 AWG	7	0.572	190	100 / 115
Crab	4 AWG	7	30	6 AWG	7	0.618	198	100 / 115
Solaster	2 AWG	7	45	4 AWG	7	0.806	213	135 / 150
Echinus	1/0 AWG	9	60	2 AWG	7	1.019	342	180 / 205
Sandcrab	1/0 AWG	7	60	2 AWG	7	1.031	343	180 / 205
Crayfish	2/0 AWG	19	60	1 AWG	7	1.136	652	210 / 235
Sipho	2/0 AWG	19	60	1 AWG	7	1.136	652	210 / 235
Fulgar	3/0 AWG	19	60	1/0 AWG	7	1.246	797	240 / 270
Arca	4/0 AWG	18	60	2/0 AWG	7	1.334	239	280 / 315