

5. Underground Primary, 25 kV

Header

UG Cable, Primary, EPR, 25kV (L-L), Al., Filled Stranded

Description

All cables shall be in compliance with RUS Bulletin 1728F-U1. For special non-standard lengths, the conductor length tolerance is +/- 5% unless otherwise stated.

Table per Bulletin 1728F-U1 Attachment "A"	
Item	Description
Conductor Material	Al.
Conductor Type	Stranded
Conductor Size	See Below
Voltage	25 kV (L-L)
Conductor Shield Compounds	See Below
Insulation	EPR
Neutral	Concentric Stranded Cu.

Performance Standards:

All cables shall be in compliance with RUS Bulletin 1728F-U1

Cable Sizes

Manufacture's product should approximately be the following:

Table 9 – UG, 25kV Primary Conductor Sizes

Stock #	Size	Neu. Type	Total OD (in.)	Ampacity Duct (A) 90 C	lbs/1000 ft	Insulation	Filled Strand?
25040	1/0. (19X)	Full	1.24	160	830	100%	Y
30050	350 (37X)	Full	1.35	310	1894	100%	Y
75000	750 (61X)	1/3.	2.03	460	2362	100%	Y

Delivery Standards

Cable shall be wound and shipped on non-returnable reels not exceeding 66 inches in height. Delivery shall be made FOB destination on open-bodied trailers to allow forklift unloading from the trailer side. Reels must be constructed of solid wood; plywood or pressed wood reels are not permitted unless otherwise stated.

Examples: **All non-preapproved products require SPP Engineering approval before purchase.**

Table 10 – 25 kV UG Primary Example Vendors

Size	Manufacturer	Branding	Cat #
1/0.	Okonite	URO-J	163-23-4072
350	Okonite	URO-J	163-23-4090
750	Okonite	URO-J	162-23-4096