15 KV CABLE, UNDERGROUND PRIMARY DISTRIBUTION, EPR

15 kV, 1/C, Tape Shielded Cable

Description: Ethylene propylene rubber (EPR) insulated, medium voltage power cable. Insulation has a nominal thickness of 220 mil. Refer to Design Standard 9660.04 for more information.

Application: Cable is for connecting the secondary terminals of 26-13 kV transformers to customer switchgear, or where maximum flexibility is needed in a 15 kV rated cable.

Users should be aware that this cable has 220 mil of insulation – a non-standard value for 15 kV cable at Seattle City Light.

SCL Matl. Std.: 6025.70

Stock Unit: FT

Stock Number	Conductor Size	Conductor Alloy	Jacket Material
623640	500 kcmil	copper	PVC

15 kV, 3/C, Tape Shielded Cable

Description: Ethylene propylene rubber (EPR) insulated, medium voltage power cable. Refer to the Material Standard and Design Standard 9660.04 for more information.

Application: For use on nominal 13.8 kV, three-phase, three-wire, delta-connected network systems. This product has particular application in 3-1/2 inch diameter, clay tile duct banks. EPR insulated cable is capable of operating at higher temperatures than TRXLPE insulated cable.

SCL Matl. Std.: 6025.10

Stock Unit: FT

Stock Number	Conductor Size	Conductor Alloy	Jacket Material
010128	500 kcmil	copper	LLDPE

15 kV, 3-1/C, Flat Strap Shielded Cable

Description: Ethylene propylene rubber (EPR) insulated, medium voltage power cable. Refer to the Material Standard and Design Standard 9660.04 for more information.

Application: For use on nominal 13.8 kV, three-phase, three-wire, delta-connected network systems as standard feeder cable. EPR insulated cable is capable of operating at higher temperatures than TRXLPE insulated cable.

Note: For a cable fault occurring between two vaults, full fault current flows in the metallic shield from the fault location to the first splice vault nearest the source. Because the phases of a 3-1/C cable are individually jacketed, adjacent metallic shields (or separately pulled, bare-ground conductors) cannot be counted upon to dissipate fault current.

SCL Matl. Std.: 6025.60

Stock Unit: FT

Stock Number	Conductor Size	Conductor Alloy	Jacket Material	Length per Reel, ft
012735	500 kcmil	copper	LLDPE	1800
623670	1000 kcmil	copper	LLDPE	1200