



# Duplex URD Cable

600V Duplex Aluminum Conductor Secondary UD Cable --1350-H19-AAC



## SPECIFICATIONS AND STANDARDS

- ASTM B-230:** Aluminum Wire, 1350-H19 for Electrical Purposes.
- ASTM B231:** Concentric Lay-Stranded Aluminum 1350 Conductors.
- ASTM B-609:** Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes.
- ASTM B-901:** Compressed Round Stranded Aluminum Conductors Using Single Input Wire.
- Duplex Secondary UD cable** meets or exceeds all applicable requirements of ICEA S-105-692 for cross-linked polyethylene insulated conductors and UL Standard 854 for Type USE-2.

## CONSTRUCTION:

Conductors are stranded, compressed 1350-H19, H16 or H26 aluminum, insulated with cross-linked polyethylene (XLPE). Insulated conductors surface printed, Neutral with Yellow striped or solid Yellow, Black Phase Conductor may be specified if desired.

## APPLICATIONS

**Duplex Secondary UD cable** is used for secondary distribution and underground service at 600 volts or less, either direct burial or in ducts.

## Duplex Secondary UD Cable manufactured to ASTM / ICEA:

Code Word	Phase Conductors			Neutral			Single Phase Conductor (in)	Outside Diameter (in)	Weight Per 1000ft (lbs)	Ampacity	
	Size AWG	Strand	Insulation Thickness	Size AWG	Strand	Breaking Strength				Direct Burial	In Duct
<b>Yellow Stripe Neutral</b>											
Bard	8	7/w	60	8	7/w	60	.262	.524	76	70	55
Claflyn	6	7/w	60	6	7/w	60	.298	.596	91	95	70
Delgado	4	7/w	60	4	7/w	60	.345	.690	129	125	90
Everett	2	7/W	60	2	7/w	60	.403	.806	189	187	100

+Ampacity: 90°C conductor temperature, 20°C ambient, RHO 90, 100% load factor. For NEC Applications, use NEC Table 310.16 Ampacities.