



1 2 3 4
69 kV AERIAL CABLE
336.4 KCM AAC (170mm²) 75° C GRAY

CONSTRUCTION:

1	336.4 KCM (170mm ²) 19 Strand Compact Round AAC All-Aluminum 1350-H19 Conductor	
2	0.015" (0.381 mm)	Black Semiconducting Thermoplastic Polyethylene
3	0.250" (6.350 mm)	Natural Low Density Thermoplastic Polyethylene (HMWPE)
4	0.250" (6.350 mm)	Gray Track and UV Resistant High Density Thermoplastic Polyethylene

DIAMETERS:

1	0.603" (15.316 mm)	Nom.
2	0.633" (16.078 mm)	Nom.
3	1.133" (28.778 mm)	Nom.
4	1.633" +.020"/-.010"	(41.478 mm + 0.5 mm / -0.25 mm)

CABLE DATA:

1	Cable Weight:	1069 lb/ 1000 ft	(1590 kg/km)
2	Conductor Weight:	316 lb/ 1000 ft	(471 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.0520 ohms/1000 ft.	(0.1706 ohms/km)
5	Resistance Temperature Coefficient:	0.00404/° C (Aluminum 1350-H19)	
6	Conductor Breaking Strength:	6150 lbs (2790 kg)	(27 kN)
7	Normal Ampacity:	434 Amps	*
8	Emergency Ampacity:	534 Amps	**

*75°C Conductor, 25°C Ambient, 2 ft/sec. (0.6096 m/s) Wind, Sun

**100°C Conductor, 25°C Ambient, 2 ft/sec. Wind, Sun