



1 2 3 4

25 kV AERIAL CABLE
336.4 KCM AAC (170mm²) 75° C BLACK

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	0.125" (3.175 mm)	Natural Low Density Thermoplastic Polyethylene (HMWPE)
4	0.125" (3.175 mm)	Black Track and UV Resistant High Density Thermoplastic Polyethylene

DIAMETERS:

1	0.603" (15.316 mm)	Nom.
2	0.633" (16.078 mm)	Nom.
3	0.883" (22.428 mm)	Nom.
4	1.133" (+.020"/-.010")	(28.778 mm + 0.5 mm / -0.25 mm)

CABLE DATA:

1	Cable Weight:	620 lb/ 1000 ft	(922 kg/km)
2	Conductor Weight:	316 lb/ 1000 ft	(471 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.052 ohms/1000 ft.	(0.1706 ohms/km)
5	Conductor Breaking Strength:	6150 lbs (2790 kg)	(28 kN)
6	Normal Ampacity:	453 Amps	*
7	Emergency Ampacity:	571 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