



35 kV AERIAL CABLE
266.8 KCM AAC (135mm²) 75° C BLACK

CONSTRUCTION:

1	266.8 KCM (135mm ²) 7 Strand Compact Round AAC All-Aluminum 1350-H19 Conductor
2	0.015" (0.381 mm) Black Semiconducting Thermoplastic Polyethylene
3	0.175" (4.445 mm) Natural Low Density Thermoplastic Polyethylene (HMWPE)
4	0.125" (3.175 mm) Black Track and UV Resistant High Density Thermoplastic Polyethylene

DIAMETERS:

1	0.537" (13.640 mm)	Nom.
2	0.567" (14.402 mm)	Nom.
3	0.917" (23.292 mm)	Nom.
4	1.167" +.020"/-.010"	(29.642 mm + 0.5 mm / -0.25 mm)

CABLE DATA:

1	Cable Weight:	604 lb/ 1000 ft	(898 kg/km)
2	Conductor Weight:	250 lb/ 1000 ft	(372 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.065 ohms/1000 ft.	(0.2133 ohms/km)
5	Conductor Breaking Strength:	4830 lbs (2191 kg)	(22 kN)
6	Normal Ampacity:	387 Amps	*
7	Emergency Ampacity:	487 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