



25 kV AERIAL CABLE  
397.5 KCM AAC (201mm<sup>2</sup>) 75° C BLACK

### CONSTRUCTION:

1	397.5 KCM (201mm <sup>2</sup> )	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	0.659" (16.739 mm)	Nom.
2	0.689" (17.501 mm)	Nom.
3	0.939" (23.851 mm)	Nom.
4	1.189" (+.020"/-.010")	(30.201 mm + 0.5 mm / -0.25 mm)

### CABLE DATA:

1	Cable Weight:	697 lb/ 1000 ft	(1037 kg/km)
2	Conductor Weight:	373 lb/ 1000 ft	(556 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.044 ohms/1000 ft.	(0.1444 ohms/km)
5	Conductor Breaking Strength:	7110 lbs (3225 kg)	(32 kN)
6	Normal Ampacity:	503 Amps	*
7	Emergency Ampacity:	634 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