



46 kV AERIAL CABLE  
2/0 AWG AAC (67mm<sup>2</sup>) 75° C BLACK

### CONSTRUCTION:

1	2/0 AWG (67mm <sup>2</sup> ) 7 Strand Compact Round AAC All-Aluminum 1350-H19 Conductor
2	0.015" (0.381 mm) Black Semiconducting Thermoplastic Polyethylene
3	0.225" (5.715 mm) Natural Low Density Thermoplastic Polyethylene (HMWPE)
4	0.175" (4.445 mm) Black Track and UV Resistant High Density Thermoplastic Polyethylene

### DIAMETERS:

1	0.376" (9.550 mm)	Nom.
2	0.406" (10.312 mm)	Nom.
3	0.856" (21.742 mm)	Nom.
4	1.206" (+.020"/-.010")	(30.632 mm + 0.5 mm / -0.25 mm)

### CABLE DATA:

1	Cable Weight:	553 lb/ 1000 ft	(823 kg/km)
2	Conductor Weight:	125 lb/ 1000 ft	(186 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.130 ohms/1000 ft.	(0.4265 ohms/km)
5	Conductor Breaking Strength:	2510 lbs (1139 kg)	(12 kN)
6	Normal Ampacity:	246 Amps	*
7	Emergency Ampacity:	310 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