



1                      2                      3                      4

15 kV TREE PROOF AERIAL CABLE  
4/0 AWG ALLOY 6201-T81 (107mm<sup>2</sup>) 75° C BLACK

### CONSTRUCTION:

1	4/0 AWG (107mm <sup>2</sup> ) 7 Strand Regular Round Alloy 6201-T81		
2	0.015"	(0.381 mm)	Black Semiconducting Thermoplastic Polyethylene
3	0.075"	(1.905 mm)	Natural Low Density Thermoplastic Polyethylene (HMWPE)
4	0.075"	(1.905 mm)	Black Track and UV Resistant High Density Thermoplastic Polyethylene

### DIAMETERS:

1	0.563"	(14.300 mm)	Nom.
2	0.593"	(15.062 mm)	Nom.
3	0.743"	(18.872 mm)	Nom.
4	0.893"	+0.020"/ -0.010"	(22.682 mm + 0.5 mm / -0.25 mm)

### CABLE DATA:

1	Cable Weight:	415 lb/ 1000 ft	(617 kg/km)
2	Conductor Weight:	232 lb/ 1000 ft	(346 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.0816 ohms/1000 ft.	(0.2677 ohms/km)
5	Resistance Temperature Coefficient:	0.00347/° C (AL Alloy 6201-T81)	
6	Conductor Breaking Strength:	8475 lbs      (3844 kg)	(38 kN)
7	Normal Ampacity:	368 Amps	*
8	Emergency Ampacity:	462 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