



25 kV TREE PROOF AERIAL CABLE
 2/0 AWG ALLOY 6201-T81 (67mm²) 75° C BLACK
 Actual Alloy Area 155400 cmil (78.6 mm²)

CONSTRUCTION:

1	2/0 AWG (67mm ²) 7 Strand Regular Round Alloy 6201-T81		
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	0.447"	(11.354 mm)	Nom.
2	0.477"	(12.116 mm)	Nom.
3	0.727"	(18.466 mm)	Nom.
4	0.977"	+0.020"/ -0.010"	(24.816 mm + 0.5 mm / -0.25 mm)

CABLE DATA:

1	Cable Weight:	408 lb/ 1000 ft	(607 kg/km)
2	Conductor Weight:	146 lb/ 1000 ft	(218 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.1300 ohms/1000 ft.	(0.4265 ohms/km)
5	Resistance Temperature Coefficient:	0.00347/° C (AL Alloy 6201-T81)	
6	Conductor Breaking Strength:	5335 lbs (2420 kg)	(24 kN)
7	Normal Ampacity:	268 Amps	*
8	Emergency Ampacity:	335 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