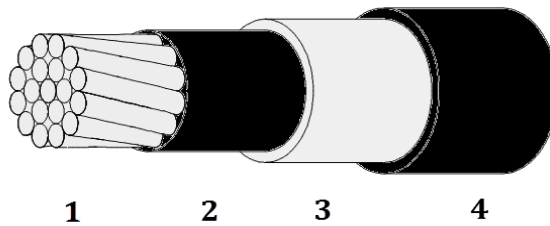


# T0397RR25B3-00 CHICKADEE

Specification Sheet



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

## CONSTRUCTION:

1	397.5 KCM (201mm <sup>2</sup> ) 18/1 Strand Regular Round ACSR Aluminum Conductor, Steel Reinforced
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	0.743" (18.872 mm)	Nom.
2	0.773" (19.634 mm)	Nom.
3	1.023" (25.984 mm)	Nom.
4	1.273" +.020"/-.010"	(32.334 mm + 0.5 mm / -0.25 mm)

## CABLE DATA:

1	Cable Weight:	803 lb/ 1000 ft	(1195 kg/km)
2	Conductor Weight:	432 lb/ 1000 ft	(643 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.043 ohms/1000 ft.	(0.1417 ohms/km)
5	Conductor Breaking Strength:	9940 lbs (4509 kg)	(45 kN)
6	Normal Ampacity:	517 Amps	*
7	Emergency Ampacity:	653 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