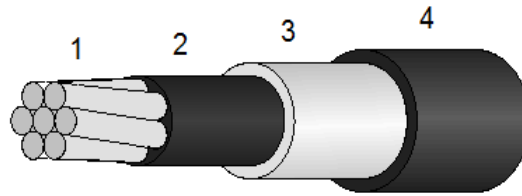


# T0010RR35B3-00 RAVEN

Specification Sheet



35 kV TREE PROOF AERIAL CABLE  
1/0 AWG ACSR (54mm<sup>2</sup>) 75° C BLACK

## CONSTRUCTION:

1	1/0 AWG (54mm <sup>2</sup> ) 6/1 Strand Regular Round ACSR Aluminum Conductor, Steel Reinforced
2	0.015" (0.381 mm) Black Semiconducting Thermoplastic Polyethylene
3	0.175" (4.445 mm) Natural Low Density Thermoplastic Polyethylene (HMWPE)
4	0.125" (3.175 mm) Black Track and UV Resistant High Density Thermoplastic Polyethylene

## DIAMETERS:

1	0.398" (10.109 mm)	Nom.
2	0.428" (10.871 mm)	Nom.
3	0.778" (19.761 mm)	Nom.
4	1.028" +.020"/-.010"	(26.111 mm + 0.5 mm / -0.25 mm)

## CABLE DATA:

1	Cable Weight:	448 lb/ 1000 ft	(667 kg/km)
2	Conductor Weight:	145 lb/ 1000 ft	(216 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.159 ohms/1000 ft.	(0.5217 ohms/km)
5	Conductor Breaking Strength:	4380 lbs (1987 kg)	(20 kN)
6	Normal Ampacity:	229 Amps *	
7	Emergency Ampacity:	287 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