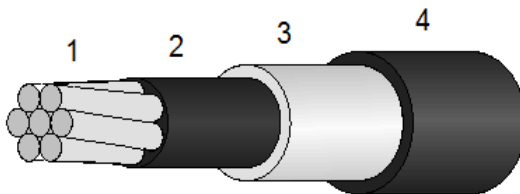


T0010RR25B3-00 RAVEN

Specification Sheet



25 kV TREE PROOF AERIAL CABLE
1/0 AWG ACSR (54mm²) 75° C BLACK

CONSTRUCTION:

1	1/0 AWG (54mm ²) 6/1 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	0.398" (10.109 mm)	Nom.
2	0.428" (10.871 mm)	Nom.
3	0.678" (17.221 mm)	Nom.
4	0.928" +.020"/-.010"	(23.571 mm + 0.5 mm / -0.25 mm)

CABLE DATA:

1	Cable Weight:	386 lb/ 1000 ft	(574 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:	233 Amps	*
7	Emergency Ampacity:	291 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