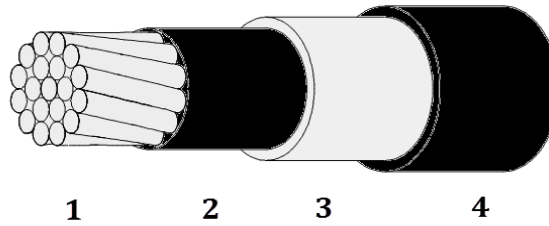


T0336RR35B3-00 MERLIN

Specification Sheet



35 kV TREE PROOF AERIAL CABLE
336.4 KCM ACSR (170mm²) 75° C BLACK

CONSTRUCTION:

1	336.4 KCM (170mm ²) 18/1 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	0.684" (17.374 mm)	Nom.
2	0.714" (18.136 mm)	Nom.
3	1.064" (27.026 mm)	Nom.
4	1.314" +.020"/-.010"	(33.376 mm + 0.5 mm / -0.25 mm)

CABLE DATA:

1	Cable Weight:	793 lb/ 1000 ft	(1180 kg/km)
2	Conductor Weight:	365 lb/ 1000 ft	(544 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.051 ohms/1000 ft.	(0.1673 ohms/km)
5	Conductor Breaking Strength:	8680 lbs (3937 kg)	(39 kN)
6	Normal Ampacity:	458 Amps *	
7	Emergency Ampacity:	579 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