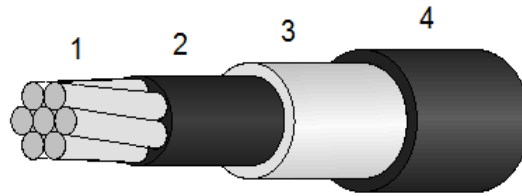


# T0030RR35B3-00 PIGEON

Specification Sheet



35 kV TREE PROOF AERIAL CABLE  
3/0 AWG ACSR (85mm<sup>2</sup>) 75° C BLACK

## CONSTRUCTION:

1	3/0 AWG (85mm <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	0.502" (12.751 mm)	Nom.
2	0.532" (13.513 mm)	Nom.
3	0.882" (22.403 mm)	Nom.
4	1.132" +.020"/-.010"	(28.753 mm + 0.5 mm / -0.25 mm)

## CABLE DATA:

1	Cable Weight:	583 lb/ 1000 ft	(867 kg/km)
2	Conductor Weight:	231 lb/ 1000 ft	(344 kg/km)
3	Conductor Operating Temperature:	75° C	
4	D.C. Resistance @ 20°C:	0.100 ohms/1000 ft.	(0.3281 ohms/km)
5	Conductor Breaking Strength:	6620 lbs (3003 kg)	(30 kN)
6	Normal Ampacity:	303 Amps *	
7	Emergency Ampacity:	380 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