



Sui Southern Gas Company Limited
CORROSION CONTROL DEPARTMENT
TRANSMISSION PIPELINES

SPECIFICATION		
CABLE(35 mm ²)		
CC (T) / CPS / 07-10	Revision:00	Date: 07-10-2025

1. Introduction

PVC Insulated / PVC Sheathed Cable shall conform to the requirements contained Herein, as per British Standard BS 6346 or any other international standard.

2. Characteristics

S. No.	Description	Value	Unit
1	Nominal cable area	35	mm ²
2	Minimum no. of conductor	7	Nos.
3	Nominal dia. of conductor	7.65	mm ²
4	Conductor Material	Annealed, tinned copper, Class 2 stranded	
5	Maximum resistance at 20°C	0.52	Ohms / Km
6	Insulation thickness	Minimum 1.20	mm
7	Sheath thickness	1.40	mm
8	Coil length	90	Meters
9	Armoring	None	-
10	No. of cores	Single	-
11	Voltage grade	600 / 1000 Volts	-
12	Sheathing	PVC blended with anti termite compound	-
13	Marking on sheath	Size, voltage grade, manufacturer name, year	
14	Cross-sectional area	1.3 Sq-inches	-