

# MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
111028	<b>CABLE, COPPER, FOUR CORE PLUS EARTH, 7/0.85, 4MM<sup>2</sup> CIRCULAR STRANDED, 0.6/1KV GRADE, PVC INSULATED AND PVC SHEATHED.</b>

## SPECIFICATION DETAILS

1. **General Requirements:** All cables supplied under this specification shall comply with the AS 3147 – 1992
  2. **Insulation:** 0.6/1 kV PVC insulated laid up with fillers, taped and PVC sheathed.
  3. **Conductor:** 4mm<sup>2</sup>, 7/0.85 diameter copper stranded.
  4. **Standard Core Colours:** Red, White Blue and Black, Earth Green/Yellow.
  5. **Application:** General wiring particularly where gland is required.
  6. **Tested:** PNG Power will require the provision of Test Certificates giving results of test made on the cables in accordance with the AS 1660 – 1996.
  7. **Packing:** The cables shall be suitably packed in wooden drums having soft wood sides and battens. The total weight of any drum shall not exceed 900kg. Preferably drum size to be 0.6m x 1.25m to AS 2857 capable of storage of 4 years under tropical condition.
  8. **Markings:** Each drum shall be clearly marked with the information specified in AS 2857.
- **Unit of Measure:** Metre
  - **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

**Drawing References:** N/A

**Manufacturer's Product Code:**


### STANDARDS COMMITTEE APPROVAL

Approval by Grevasias Peni:  
**Chairman**

Signature: 

Date: 03/12/18

### DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Rawali Rawali	<b>Engineer - Standards and Materials</b>		03/12/18