
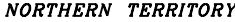



TAG No.	DESCRIPTION
1	CONDUCTOR - COPPER
2	CONDUCTOR SCREEN-EXTRUDED SEMI CONDUCTIVE SCREEN BONDED TO INSULATION NON FREE STRIPPABLE
3	CABLE INSULATION CROSS LINKED POLYETHYLENE INSULATION
4	INSULATION SCREEN EXTRUDED-FREE STRIPPING - SEMI-CONDUCTIVE MATERIAL
5	CONCENTRIC NEUTRAL SCREEN COPPER
6	PVC SHEATH - HEAVY DUTY V90
7	ANTI-TERMITE JACKET EXTRUDED NYLON 11 OR 12 COLOUR NATURAL (CLEAR)
8	SACRIFICIAL PVC SHEATH-BLACK

**NOTES**

- EXCEPT WHERE OTHERWISE SPECIFIED THE CABLE SHALL CONFORM AND BE IN ACCORDANCE WITH AS 1429.
- THE CABLE SHALL BE PERMANENTLY MARKED WITH MANUFACTURERS IDENTIFICATION, YEAR OF MANUFACTURE AND VOLTAGE RATING AT INTERVALS ALONG THE OUTER PVC SHEATH OF THE CABLE.
- THE CABLE SHALL ALSO HAVE ITS LENGTH PRINTED AT INTERVALS ALONG THE SHEATH, CONSISTING OF CONSECUTIVE NUMBERS NOMINALLY SPACED AT ONE METRE.
- CABLE TO BE WOUND ON DRUM IN SUCH A FASHION AS TO ENSURE LEGIBILITY OF ABOVE INFORMATION IN NOTES 2 AND 3.

ITEM NUMBER	units	1	2	3	
STOCK CODE	-	232074	232082	232090	
Conductor Area (nominal)	sq. mm	35	120	240	
Conductor Diameter (MAXIMUM)	mm	7.2	13.5	19.2	
Semicon Thickness (nominal)-conductor screen MIN 0.3	mm	0.8	0.8	0.8	
Insulation Thickness (nominal)	mm	5.5	5.5	5.5	
Diameter over Insulation (nominal)	mm	19.8	26.1	31.8	
Semicon Thickness (nominal)-insulation screen	mm	0.8	1.0	1.0	
Neutral Screen Area (minimum)	sq. mm	20	90	90	
Number and Diameter of screen wires (minimum)	Nº/mm	36/0.85	40/1.70	40/1.70	
SCREEN PHASE TO EARTH		L.DUTY	H.DUTY	H.DUTY	
3 PHASE FAULT RATING FOR 1 SECOND	kA	3.0	13.1	13.1	
NOMINAL THICKNESS PVC SHEATH (INNER) MIN 1.8	mm	1.8	1.9	2.1	
Diameter over PVC Sheath (nominal)	mm	27.5	35.5	41.8	
NOMINAL NYLON JACKET THICKNESS	mm	0.4	0.5	0.5	
NOMINAL PVC Sheath Thickness - outer	mm	0.5	1.0	1.0	
Overall Diameter of cable (nominal)	mm	29.3	38.5	44.8	
Cable Length on Drum (nominal)	m	1000	1000	500	
Conductor Form		Compacted, COPPER, Round			
NOMINAL CABLE CURRENT RATING	IN AIR	A	180	375	560
	DIRECT IN GROUND	A	170	335	475
	UNDER GROUND DUCTS	A	170	305	415

2 1	REDRAWN ON CAD. NOTE ADDED: DRAWING SUPERCEDED. NOTE 4 AMMENDED, STOCK CODES ADDED	RG1 B.G.	APR'01 MAR'90	MWB ...	FRR N.S	 <p>POWER AND WATER AUTHORITY</p>	DES -	POWER STANDARD DRAWING			
	NO	DESCRIPTION	DRN	DATE	CKD		APPD	DRN G.L.	<b>CABLES COPPER - SINGLE CORE 12.7/22KV XLPE - NYLON JACKETED</b>		
AMENDMENTS						 <p>NORTHERN TERRITORY</p>	APPD B.T.KENT	A3	DRAWING NUMBER	S02-01-01-07	 <p>AMDT</p>
							SCALE no scale		DRAFTING STANDARD TO A.S.1100	CAD PRODUCT - DO NOT AMEND MANUALLY	
							ISSUED AUG'89				
							ALL DIM. IN mm				