



ITEM	UNITS	1	2	3	4	5
ITEM NUMBER	-	-	-	-	-	401015
CONDUCTOR AREA	sq.mm	25	35	50	185	240
CONDUCTOR DIAMETER	mm	6.0	6.9	8.2	15.7	18.5
INSULATION THICKNESS	mm	1.7	1.7	1.8	2.4	1.7
NYLON SHEATH THICKNESS MIN.	mm	0.5	0.5	0.5	0.5	0.5
SACRIFICIAL SHEATH THICKNESS	mm	0.6	0.6	1.0	1.0	1.7
CABLE OUTER DIAMETER	mm	-	-	-	-	28.5
STANDARD DRUM LENGTH	mm	500	500	1000	1000	1000
CABLE MASS	kg/100m	16	22.5	24	76.4	96.3
GROSS MASS OF STANDARD DRUM LENGTH	kg	190	270	267	864	1109
CONDUCTOR FORM	-	COMPACTED, AA1350, H68 TEMPER, ROUND		COMPACTED, AA1350, H68 TEMPER, ROUND, WATER BLOCKED		
MINIMUM NUMBER OF STRANDS	-	6	6	7	36	36
BENDING RADIUS - DURING INSTALL	mm	-	-	-	-	715
BENDING RADIUS - INSTALLED	mm	-	250	-	-	520
MAX PULLING TENSION	kN	-	1.5	-	9.3	12
CURRENT RATING - DIRECT BURIED	A	-	140	-	352	409
CURRENT RATING - IN DUCTS	A	-	106	-	283	333

**NOTES:**

- THE CABLES 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 SACRIFICIAL SHEATH, CONSISTING OF CONSECUTIVE NUMBERS, NOMINALLY SPACED AT ONE METRE.
- CABLE TO BE WOUND ON DRUM TO ENSURE LEGIBILITY OF ABOVE INFORMATION IN NOTES 1 AND 2.
- TEMPER OF THE CONDUCTOR TO BE H68, COMPACTED TO AS 1125.
- EXCEPT WHERE OTHERWISE STATED, THE CABLE SHALL CONFORM TO AND BE IN ACCORDANCE WITH AS 5000.1
- REFER TO SPECIFICATION STSP 02-002.
- WATER BLOCKING SHALL BE ACHIEVED THROUGH THE USE OF WATER BLOCKING YARN. WATER BLOCKING POWDERS SHALL NOT BE USED.
- ALL CABLES SHALL BE CAPPED AT ALL TIMES EXCEPT WHEN THE CABLE IS IN THE JOINING OR TERMINATION PROCESS. REFER TO S02-01-02-21 & S02-01-02-15 FOR CAP DETAILS.
- ITEMS 1-4 NO LONGER TO BE USED. USE ITEM 5 OR COPPER EQUIVALENT IN S02-01-01-20. PARAMETERS FOR ITEMS 1-4 ARE HISTORICAL BASED ON PVC OUTER SHEATH

4	MDPE - SACRIFICIAL SHEATH - BLACK UV STABILISED
3	ANTI-TERMITE JACKET - EXTRUDED NYLON 11 OR 12 - BLACK OR BLUE
2	EXTRUDED XLPE - BLACK
1	CONDUCTOR - ALUMINIUM STRANDED AA1350 H68
TAG REFERENCE	DESCRIPTION

27	REFORMATTED TABLES. ADDED TECHNICAL INFORMATION. MOVED APPLICATION NOTE TO NOTE 9. UPDATED TITLE.	A.N.	NOV'21	A.N.	B.V.	 NORTHERN TERRITORY	DES	D.BIRKETT	POWER STANDARD DRAWING			
26	ITEM 1-4 NUMBERS REMOVED, NO LONGER TO BE USED, UPDATE NOTE *, UPDATE ITEM 5 PARAMETERS, REPLACE NOTE 6, UPDATE TAG 4 TO MDPE. TITLEBLOCK & DRAWING NUMBER FORMATTED	C.C.	APR'20	C.C.	B.C.		DRN	S.JACKSON	<b>CABLES</b> <b>ALUMINIUM - SINGLE CORE</b> <b>0.6/1kV</b> <b>XLPE/NYLON/MDPE</b>	<b>A3</b>	<b>DRAWING NUMBER</b> <b>S02-01-01-19</b>	
25	NOTE 8 ADDED	K.T.	JAN'19	C.C.	C.C.		CKD	J.HASSANEN				
24	NOTE 7 ADDED	P.H.	DEC'17	BC	SC		APPD	-				
23	NOTE 7 ADDED	A.T.	JUN'11	BC	SC		SCALE	N.T.S.				
22	FIXED TEXT ALIGNMENT	C.W.M.	MAR'10	BC	SC		ISSUED	MAR'80	<b>DRAFTING STANDARD TO A.S.1100</b>	<b>CAD PRODUCT - DO NOT AMEND MANUALLY</b>		
21	UPDATED TO AS 5000.1	C.W.M.	DEC'09	BC	SC	ALL DIM. IN mm						
<b>NO</b>	<b>DESCRIPTION</b>	<b>DRN</b>	<b>DATE</b>	<b>CKD</b>	<b>APPD</b>							
<b>AMENDMENTS</b>												