



ITEM	UNITS	1	2	3
ITEM NUMBER		9456 (BLACK)	9449 (RED)	505118
CONDUCTOR AREA	sq mm	25		240
CONDUCTOR DIAMETER	mm	6		18.7
INSULATION THICKNESS	mm	0.9		1.7
NYLON SHEET THICKNESS MIN	mm	0.5		0.5
SACRIFICIAL SHEATH THICKNESS	mm	1.4		1.43
CABLE OUTER DIAMETER LENGTH	mm	12.1		28.5 +/- 3
STANDARD DRUM LENGTH	mm	500		1000
CABLE MASS	kg/100m	32		246
CONDUCTOR FORM		COMPRESSED		COMPACTED
MINIMUM NUMBER OF STRANDS		7		37
BENDING RADIUS (INSTALLATION)	mm	270		713
BENDING RADIUS (INSTALLED)	mm	180		428
MAX PULLING TENSION	kN	1.8		3.5
CURRENT RATING	A	108		391

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.
- CABLE WILL COMPLY WITH AS/NZS 5000.1 AND AS 1125.
- REFER TO SPECIFICATION STSP 02-002 FOR MORE INFORMATION.
- ALL CABLES SHALL BE CAPPED AT ALL TIMES WHEN NOT IN USE.
- ALL FIGURES ARE GENERIC INFORMATION AND YOU SHOULD CHECK WITH CABLE SPECIFICATIONS WHEN AND IF REQUIRED.

4	MDPE SACRIFICIAL SHEATH UV STABILISED
3	ANTI-TERMITE JACKET - EXTRUDED NYLON 11 OR 12
2	CROSS LINKED POLYETHYLENE INSULATION.
1	CONDUCTOR - COPPER
TAG NO	DESCRIPTION

16	UPDATED THE MATERIALS TABLE AND ADDED A NEW COLUMN. IMPROVED DRAWING QUALITY AND LAYOUT.	J.R.	JUL'24	B.B.	B.V.
15	CLARIFIED OUTER LAYER COLOUR. EDITED NOTE 5 & ADDED NOTE 6.	A.N.	JUN'21	A.N.	B.C.
14	REformatted TABLE OF ATTRIBUTES. UPDATED INSULATION THICKNESS.	A.N.	DEC'20	C.C.C.	B.C.
13	NOMINAL INSULATION THICKNESS & NOTE 4 UPDATED	H.E.	SEP'20	H.E.	B.C.
12	UPDATE TAG 4 TO MDPE, ADD NOTE 5, UPDATE PARAMETERS.	C.C.	APR'20	C.C.	B.C.
11	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	JAN'19	C.C.	C.C.
10	TAG NO 3 COLOUR AMENDED.	RCI	APR'01	-	FRR
9	GENERAL REVISION TITLE & DRG NO CHANGED.	-	JUN'88	-	QLT
NO	DESCRIPTION	DRN	DATE	CKD	APPD
AMENDMENTS					

PowerWater
NORTHERN TERRITORY

DES	Dr D.K.SWEETING	POWER STANDARD DRAWING	
DRN	J.GAMMIE	CABLES	
CKD	D.K.SWEETING	COPPER - SINGLE CORE	
APPD	K.CHITT	0.6/1KV	
SCALE	no scale	XLPE - NYLON	
ISSUED	DEC'83	A3	DRAWING NUMBER S02-01-01-20
ALL DIM. IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	

