



NOTES:

1. THE CABLES SHALL BE PERMANENTLY MARKED WITH MANUFACTURERS IDENTIFICATION, YEAR OF MANUFACTURE AND VOLTAGE RATING AT INTERVALS ALONG THE OUTER SHEATH OF THE CABLE.
2. THE CABLE SHALL ALSO HAVE ITS LENGTH PRINTED AT INTERVALS ALONG THE SACRIFICIAL SHEATH, CONSISTING OF CONSECUTIVE NUMBERS, NOMINALLY SPACED AT ONE METRE.
3. CABLE TO BE WOUND ON DRUM TO ENSURE LEGIBILITY OF ABOVE INFORMATION IN NOTES 1 AND 2.
4. CABLE WILL COMPLY WITH AS/NZS 5000.1 AND AS 1125.
5. REFER TO SPECIFICATION STSP 02-002 FOR MORE INFORMATION.
6. ALL CABLES SHALL BE CAPPED AT ALL TIMES WHEN NOT IN USE.
7. ALL FIGURES ARE GENERIC INFORMATION AND YOU SHOULD CHECK WITH CABLE SPECIFICATIONS WHEN AND IF REQUIRED.

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

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

17
16
15
14
13
12
11
10

REMOVE WORD PVC FROM NOTES 1
UPDATED THE MATERIALS TABLE AND ADDED A NEW COLUMN. IMPROVED DRAWING QUALITY AND LAYOUT.
CLARIFIED OUTER LAYER COLOUR. EDITED NOTE 5 & ADDED NOTE 6.
REFORMATTED TABLE OF ATTRIBUTES, UPDATED INSULATION THICKNESS.
NOMINAL INSULATION THICKNESS & NOTE 4 UPDATED
UPDATE TAG 4 TO MDPE, ADD NOTE 5, UPDATE PARAMETERS.
TITLEBLOCK & DRAWING NUMBER FORMATTED
TAG NO 3 COLOUR AMENDED.

B.B.
J.R.

A.N.
A.N.
H.E.
C.C.
K.T.
RGI

NOV'25
JUL'24

JUN'21
DEC'20
SEP'20
APR'20
JAN'19
APR'01

B.B.
B.B.

A.N.
C.C.C.
H.E.
C.C.
C.C.
-

B.V.
B.V.

B.C.
B.C.
B.C.
B.C.
C.C.
FRR

NO

DESCRIPTION

DRN

DATE

CKD

APPD

AMENDMENTS

PowerWater

NORTHERN TERRITORY

DES Dr D.K.SWEETING

DRN J.GAMMIE

CKD D.K.SWEETING

APPD K.CHITT

SCALE no scale

ISSUED DEC'83

ALL DIM. IN mm

DRAFTING STANDARD TO A.S.1100

POWER STANDARD DRAWING

CABLES
COPPER - SINGLE CORE
0.6/1KV
XLPE - NYLON

A3

DRAWING
NUMBER

S02-01-01-20

17

AMDT

17

AMDT