



ITEM	UNITS	1	2	3
ITEM NUMBER	-	407083	406733	503088
CONDUCTOR AREA	sq.mm	35	70	150
NOMINAL CONDUCTOR STRANDING	mm	7/2.52	19/2.17	37/2.27
CONDUCTOR DIAMETER	mm	7.6	10.7	15.9
INSULATION THICKNESS	mm	0.9	1.1	1.4
MINIMUM PVC SHEATH THICKNESS	mm	1.4	1.4	1.6
OVERALL DIAMETER	mm	12.7	16.0	22.5
STANDARD DRUM LENGTH	m	500	500	1000
MASS OF CABLE	kg/m	0.406	0.753	1.534
CONDUCTOR FORM	-	STRANDED NON-COMPACTED CIRCULAR HARD DRAWN Cu C11000		
OUTER SHEATH COLOUR	-	BLACK		
MAX. PULLING TENSION (EYE)	kN	2.45	-	10.5
BENDING RADIUS - TENSION	mm	152	192	270
BENDING RADIUS - NON-TENSION	mm	101	128	180
CURRENT RATING - IN AIR 1m/s WIND	A	203	305	477
DC RESISTANCE @ 20 DEG. C	Ohms/km	0.540	0.276	0.128
VOLTAGE DROP	mV/Am	1.18	-	0.33

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 3198 AND AS 1125.
- CABLE CURRENT RATINGS AS PER AS/NZS 3008
- FOR USE AS HV DROPPER CABLE FROM BOTTOM OF EDO OR LINKS TO TRANSFORMER, OR SURGE DIVERTERS ETC.
- MINIMUM OF 2mm TOTAL INSULATION FOR INADVERTENT CONTACT.
- TO COMPLY WITH STSP 02-002.

3	UV STABLISED EXTRUDED PVC 5V-90
2	EXTRUDED XLPE - WHITE
1	COPPER CONDUCTOR, STRANDED NON-COMPACTED CIRCULAR HARD DRAWN C11000
TAG REFERENCE	DESCRIPTION

NO	DESCRIPTION	DRN	DATE	CKD	APPD	DES	DRN	CKD	APPD	SCALE	ISSUED	ALL DIM. IN mm	DRAFTING STANDARD TO A.S.1100	POWER STANDARD DRAWING	CABLES COPPER - SINGLE CORE 0.6/1KV XLPE - PVC	DRAWING NUMBER	S02-01-01-35	AMDT
4	REFORMATTED TABLES. UPDATED TECHNICAL DATA. MOVED DESIGN APPLICATION TO NOTES 6 & 7. ADDED NOTE 8.	A.N.	OCT'21	A.N.	B.V.	-	K. IBBOTT	C. CAMILLERI	C.C.	NTS	MARCH '06							
3	BENDING RADIUS AMENDED	H.E.	APR'20	B.C.	B.C.													
2	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	JAN'19	C.C.	C.C.													
1	NOTE 5 ADDED, ITEMS 2 AND 3 ADDED	A.T.	MAR'15	I.B.	B.C.													
A	ISSUED	A.S.	MAR'06	C.C.	C.C.													
AMENDMENTS						PowerWater NORTHERN TERRITORY			A3		DRAWING NUMBER		S02-01-01-35		AMDT			
CAD PRODUCT - DO NOT AMEND MANUALLY														AMDT				