



NOTES:

1. 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.
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 3198 AND AS 1125.
5. CABLE CURRENT RATINGS AS PER AS/NZS 3008

3	UV STABILISED PVC SHEATH HEAVY DUTY, V90. COLOUR: BLACK
2	CROSS LINKED POLYETHYLENE INSULATION. COLOUR: WHITE
1	CONDUCTOR - COPPER STRANDED
TAG NO	DESCRIPTION

ITEM	1	2	3
STOCK CODE	406733	407083	503088
NOMINAL CONDUCTOR AREA	mm ² 70	35	150
NOMINAL CONDUCTOR DIAMETER	mm 10.7	6.9	15.2
NOMINAL INSULATION THICKNESS	mm 1.1	0.9	1.4
MINIMUM PVC SHEATH THICKNESS	mm 1.0	1.4	1.6
OVERALL MINIMUM DIAMETER	mm 15.5	10.3	19.2
OVERALL MAXIMUM DIAMETER	mm 16.0	12.7	23.4
STANDARD DRUM LENGTH	m 500	500	100
NOMINAL MASS OF CABLE	kg/100m 74.5	39.1	152.6
GROSS MASS OF STANDARD DRUM LENGTH	TONNE 0.46	0.21	0.16
COLOUR	BLACK	BLACK	BLACK
MIN. INSTALLED BENDING RADIUS	mm 65	92	85
CURRENT RATING (A) @40°C AMBIENT 90°C CONDUCTOR	1M/S WIND	305	203
		477	

DESIGN NOTES:

FOR USE AS HV DROPPER CABLE FROM BOTTOM OF EDO OR LINKS TO TRANSFORMER, OR SURGE DIVERTERS ETC.
MINIMUM OF 2mm INSULATION FOR INADVERTENT CONTACT.

1	NOTE 5 ADDED, ITEMS 2 AND 3 ADDED	A.T.	MAR'15	I.B.	B.C.	PowerWater DES - POWER STANDARD DRAWING DRN K.IBBOTT CKD C.CAMILLERI APPD C.C. SCALE NTS ISSUED MARCH '06 ALL DIM. IN mm DRAFTING STANDARD TO A.S.1100	CABLES COPPER - SINGLE CORE 0.6/1KV XLPE - PVC	A3 DRAWING NUMBER S02-1-1-35	
	A	ISSUED	A.S.	MAR'06	C.C.				
NO	DESCRIPTION	DRN	DATE	CKD	APPD				
AMENDMENTS									
CAD PRODUCT - DO NOT AMEND MANUALLY									