



CONSTRUCTION	
ITEM	DESCRIPTION
1	Stranded Copper Conductor to AS1125
2	INSULATION V-90 PVC (Red, Black)
3	SHEATH 3V-90 PVC (White)

NOTES:

1. CABLE TO CONFORM TO AS3147.
2. CONDUCTOR TO CONFORM TO AS1125.

ITEM	UNITS	1	2
STOCK CODE		2691	2709
COLOUR		RED	BLACK
Conductor Nominal Area	sqmm	2.5	2.5
Conductor Nominal Diameter	mm	1.78	1.78
Conductor Stranding	No.Wires/sqmm	7/0.67	7/0.67
Overall Nominal Diameter	mm	6.5	6.5
Insulation Thickness	mm	0.8	0.8
Sheath Thickness	mm	1.4	1.4
Mass	kg/100m	4.8	4.8
Max Pulling Tension	kN	22	22
Installed Bending Radius	mm	8	8
Drum Length	m		
ELECTRICAL CHARACTERISTICS			
Rated Voltage	Uo/U (kV)	0.6/1	0.6/1
Rated Current Free Air	A	30	30
Rated Current Direct Buried	A	43	43
Rated Current Underground Duct	A	33	33
AC Resistance 50Hz 90xC	Ohms/km	9.45	9.45
DC Resistance 20xC	Ohms/km	7.41	7.41
Equivalent Star Reactance 50Hz	Ohms/km	0.159	0.159
3Phase Voltage Drop 50Hz 20xC	V/A.m	0.0164	0.0164

6 REDRAWN IN CAD CABLE NOTES & CABLE DETAIL UPDATED.	K.I.	FEB'05 05/88	J.D.	C.C.	DES	R.HAIGH	POWER STANDARD DRAWING	
					DRN	A.SYME	CABLES COPPER - SINGLE CORE 0.6/1kV PVC/PVC	
5 TITLE & DRG NUMBER CHANGED NOTE CHANGED NOTE 2 ADDED					APPD	...	A3	DRAWING NUMBER S02-1-1-13
4 ITEM & STOCK CODE ADDED					SCALE	NTS		
3 REDRAWN & REDESIGNED					ISSUED	6/11/85	DRAFTING STANDARD TO A.S.1100	CAD PRODUCT - DO NOT AMEND MANUALLY
	NO	DESCRIPTION	DRN	DATE	CKD	APPD		
AMENDMENTS								

