



TAG	MATERIAL
1	PCP SHEATH
2	R-EP-90 ELASTOMER 3.3kV
3	FINE STRAND TINNED COPPER

NOTES:

- TO BE USED AS DROPPER CABLE (HV) FROM OH CONDUCTOR TO EDD'S OR HV LINKS.
- FOR CABLE TERMINATION POLES, TRANSFORMERS, SWITCHES ETC.
- ALSO FOR LV CABLING FROM TX BUSHINGS TO LV LINKS/LV CONDUCTOR.
- 2mm MINIMUM INSULATION FOR INADVERTENT CONTACT.
- SIEMENS AND ARISTON CAVI
- FOR OUTDOOR USE, UV STABILISED
- DATA BASED ON SIEMENS/ARISTON CAVI FROM ELECT CABLES

ITEM	1	2	3	4
STOCK CODE	402707	406718	300368	400784
CONDUCTOR AREA	35mm ²	70mm ²	150mm ²	300mm ²
BARE CONDUCTOR DIAMETER	8.1mm	11.2mm	16.6mm	23.6mm
MINIMUM SHEATH & INSULATION THICKNESS	2mm	2mm	2mm	2mm
OVERALL DIAMETER (MINIMUM)	12.6	15.7	21.5	29.3
CABLE WEIGHT kg/m	0.475	0.85	1.65	3.46
3 PHASE CAPACITY IN AIR @ 40°C AMBIENT	177	283	470	752
3 PHASE CAPACITY SURFACES IN CONTACT	141	225	375	591

NO	DESCRIPTION	DRN	DATE	CKD	APPD
1	CURRENT CAPACITIES UPDATED TO AS 3008.1.1-2009	C.C.	MAY'11	A.T.	S.C.
A	ISSUES FOR COMMENT	K.I.	DEC'05	C.C.	C.C.
AMENDMENTS					

DES	...	POWER STANDARD DRAWING		
DRN	K. IBBOTT	CABLE COPPER SINGLE CORE LOW VOLTAGE-PCP SHEATHED R-EP-90 FLEXIBLE		
CKD	C.CAMILLER			
APPD	...			
SCALE	N.T.S.			
ISSUED	MAR'06	A3	DRAWING NUMBER	S02-1-1-34
ALL DIM. IN	mm			
DRAFTING STANDARD TO A.S.1100				