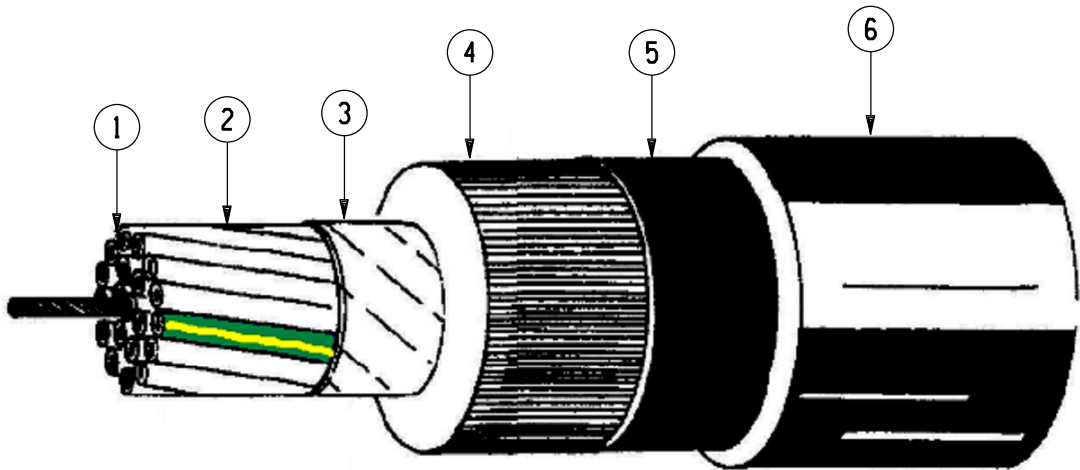


ITEM	UNITS	1	2	3	4	5	6	7	8	9	10	11
ITEM NUMBER	-	504518	502910	504519	501371	501372	504520	501367	504521	501355	504522	504523
CONDUCTOR AREA	SQ.mm	15	15	15	15	25	25	25	25	25	4	4
NO. OF CORES	-	4+E	8+E	12+E	20+E	2+E	4+E	8+E	12+E	20+E	2+E	4+E
INSULATION THICKNESS	mm	1.0	1.0	1.0	1.0	0.8	0.8	0.8	1.0	1.0	1.0	1.0
SHEATH THICKNESS	mm	18	18	18	18	18	18	18	18	18	18	18
NYLON JACKET THICKNESS	mm	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
OVERSHEATH THICKNESS	mm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
INSULATION RATING	kV	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1
CONDUCTOR STRANDING	n/mm	7/0.52	7/0.52	7/0.52	7/0.52	7/0.67	7/0.67	7/0.67	7/0.67	7/0.67	7/0.85	7/0.85
NOMINAL OVERALL DIAMETER	mm	17.5	21	23	27	15	17	21	25	30	17	20
NOMINAL LENGTH ON DRUM	m	500	500	500	500	500	500	500	500	500	500	500
MASS OF CABLE	kg/km	371	504	631	876	340	453	624	804	1129	415	586
BENDING RADIUS DURING INSTALL	mm	427	524	574	655	406	457	562	623	708	442	511
BENDING RADIUS INSTALLED	mm	256	314	344	393	244	274	337	374	425	265	307
DC RESISTANCE @ 20°C	OHM/km	13.6	13.6	13.6	13.6	7.41	7.41	7.41	7.41	7.41	4.61	4.61
AC RESISTANCE @ 50Hz, 90°C	OHM/km	17.3	17.3	17.3	17.3	9.45	9.45	9.45	9.45	9.45	5.88	5.88



ITEMS 1-11:
MULTICORE + EARTH

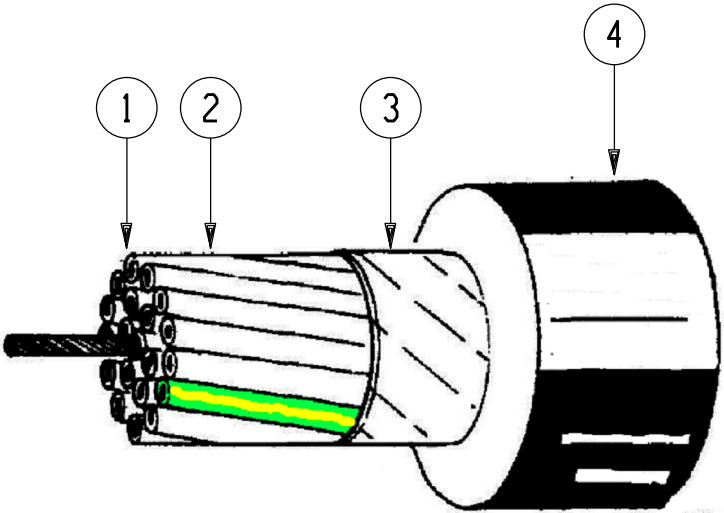
NOTES:

1. CORES TO BE NUMBERED CONSECUTIVELY WITH WRITTEN AND NUMERIC DESIGNATION ADJACENT AT A SPACING OF 100mm.
2. THE CABLE LENGTH SHALL BE IMPRINTED ON THE OUTER SHEATH OF THE CABLE. THE CABLE MUST BE MARKED WITH CONSECUTIVE NUMBERS EVERY METRE FOR THE ENTIRE LENGTH OF THE CABLE SO THAT AS THE CABLE IS USED THE LENGTH REMAINING ON THE DRUM CAN BE EASILY READ ON THE CABLE OVERSHEATH.
3. THE CABLE MUST CONFORM TO AS 5000.1 AND STSP 05-003.
4. THE EARTH CONDUCTOR MUST BE SAME C.S.A. AS OTHER CONDUCTORS.

6	OVERSHEATH - PVC 4V-75 - BLACK
5	ANTI-TERMITE JACKET - EXTRUDED NYLON 11 OR 12 - BLACK
4	SHEATH - PVC 4V-75 - BLACK
3	BINDER - POLYETHYLENE TEREPHTHALATE TAPE
2	INSULATION - WHITE & GREEN/YELLOW PVC 5V-90 - NUMBERED
1	CONDUCTOR - COPPER C11000 'O'
TAG NUMBER	DESCRIPTION

17 16 15 14 13 12 11 10	SHEET 2 UPDATED UPDATED TABLE FORMATTING, ADDED TECHNICAL DATA, TAGS, NOTE 4, & TITLE. REMOVED ITEMS 12, 13 & 14. UPDATED STRANDING, DIAMETERS, NOTE 3, & FORMATTING. UPDATE TABLES WITH NEW ITEMS, 2ND SHEET FOR MULTICORE WITHOUT TERMITE PROTECTION. TITLEBLOCK & DRAWING NUMBER FORMATTED TABLES ALTERED ITEMS 5, 6, & 7 ADDED TITLE & DRAWING NUMBER CHANGED	P.BH. A.N.	MAY'24 FEB'22	B.B. B.V.	B.V. B.C.	 PowerWater NORTHERN TERRITORY	DES	R.HAIGH	POWER STANDARD DRAWING						
		A.N. C.W.M.	NOV'20 APR'20	C.C.C. C.C.C.	B.C. B.C.		DRN	E.S.TULLY	CABLES COPPER - MULTI-CORE CONTROL 0.6/1 kV - 5V-90/4V-75/NYL/4V-75 (SHEET 1 OF 2)						
		K.T. - - -	APR'19 JUL'95 AUG'90 MAY'88	C.C. - - -	C.C. - - -		CKD	-							
		- - -	- - -	- - -	- - -		APPD	-							
							SCALE			-	ISSUED	6/11/85	A3	DRAWING NUMBER	S02-01-01-15_1
									ALL DIM. IN mm						
		NO		DESCRIPTION			DRN	DATE	CKD	APPD	DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT
		AMENDMENTS													

ITEM	UNITS	15	16	17	18	19	20	21	22	23	24	25	26
ITEM NUMBER	-	504524	504525	504526	504527	501357	504528	504529	501356	504530	504531	501344	505091
CONDUCTOR AREA	SQ.mm	15	15	15	15	25	25	25	25	25	4	4	4
NO. OF CORES	-	4+E	8+E	12+E	20+E	2+E	4+E	8+E	12+E	20+E	2+E	4+E	20C+E
INSULATION THICKNESS	mm	1.0	1.0	1.0	1.0	0.8	0.8	0.8	1.0	1.0	1.0	1.0	0.8
OVERSHEATH THICKNESS	mm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
INSULATION RATING	kV	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1
CONDUCTOR STRANDING	n/mm	7/0.52	7/0.52	7/0.52	7/0.52	7/0.67	7/0.67	7/0.67	7/0.67	7/0.67	7/0.85	7/0.85	7/0.85
NOMINAL OVERALL DIAMETER	mm	13.5	17	19.5	23	12.5	14	18.5	21	25	13	16	33.7
NOMINAL LENGTH ON DRUM	m	500	500	500	500	500	500	500	500	500	500	500	500
MASS OF CABLE	kg/km	238	337	446	656	215	310	443	595	889	227	424	1616
BENDING RADIUS DURING INSTALL	mm	152	198	223	259	142	167	216	243	284	159	193	843
BENDING RADIUS INSTALLED	mm	102	132	148	173	95	111	144	162	189	106	128	506
DC RESISTANCE @ 20°C	OHM/km	13.6	13.6	13.6	13.6	7.41	7.41	7.41	7.41	7.41	4.61	4.61	4.61
AC RESISTANCE @ 50Hz, 90°C	OHM/km	17.3	17.3	17.3	17.3	9.45	9.45	9.45	9.45	9.45	5.88	5.88	5.88
MAX. PULLING TENSION WHEN PULLED BY EYE	N	520	940	1360	2200	520	870	1570	2270	3670	730	1290	5775



ITEMS 15-25:
MULTICORE + EARTH

NOTES:

1. CORES TO BE NUMBERED CONSECUTIVELY WITH WRITTEN AND NUMERIC DESIGNATION ADJACENT AT A SPACING OF 100mm.
2. THE CABLE LENGTH SHALL BE IMPRINTED ON THE OUTER SHEATH OF THE CABLE. THE CABLE MUST BE MARKED WITH CONSECUTIVE NUMBERS EVERY METRE FOR THE ENTIRE LENGTH OF THE CABLE SO THAT AS THE CABLE IS USED THE LENGTH REMAINING ON THE DRUM CAN BE EASILY READ ON THE CABLE OVERSHEATH.
3. THE CABLE MUST CONFORM TO AS 5000.1 AND STSP 05-003.
4. THE EARTH CONDUCTOR MUST BE SAME C.S.A. AS OTHER CONDUCTORS.

4	OVERSHEATH - PVC 4V-75 - BLACK
3	BINDER - POLYETHYLENE TEREPHTHALATE TAPE
2	INSULATION - WHITE & GREEN/YELLOW PVC 5V-90 - NUMBERED
1	CONDUCTOR - COPPER C11000 'O'
TAG NUMBER	DESCRIPTION

	17	ADDED ITEM 26. UPDATED TABLE FORMATTING, ADDED TECHNICAL DATA, TAG 4 & NOTE 4. RENUMBERED ITEMS, UPDATED TITLE. UPDATED STRANDING, DIAMETERS & NOTE 3, ADJUSTED FORMATTING, UPDATE TABLES WITH NEW ITEMS, 2ND SHEET FOR MULTICORE WITHOUT TERMITE PROTECTION TITLEBLOCK & DRAWING NUMBER FORMATTED TABLES ALTERED ITEMS 19, 20, 21 ADDED TITLE & DRAWING NUMBER CHANGED	P.BH.	MAY'24	B.B.	B.V.	 NORTHERN TERRITORY	DES	C.W.M.	POWER STANDARD DRAWING				
	16		A.N.	FEB'22	B.V.	B.C.		DRN	C.C.C.	CABLES COPPER - MULTI-CORE CONTROL 0.6/1 kV - 5V-90/4V-75 (SHEET 2 OF 2)	A3	DRAWING NUMBER	S02-01-01-15_2	
	15		A.N.	DEC'20	C.C.C.	B.C.		CKD	C.C.C.					
	14		C.W.M.	APR'20	C.C.C.	B.C.		APPD	B.C.					
	13		K.T.	APR'19	C.C.	C.C.		SCALE	-					
	12		-	JUL'95	-	-		ISSUED	17/04/2020	ALL DIM. IN mm	DRAFTING STANDARD TO A.S.1100	CAD PRODUCT - DO NOT AMEND MANUALLY	AMDT	
	11		-	AUG'90	-	-								
	10		-	MAY'88	-	-								
NO			DESCRIPTION		DRN	DATE	CKD	APPD						
AMENDMENTS														