


## SPEC SHEET

SAP MATERIAL No.:	0171296							
SHORT DESCRIPTION:	CABLE 1kV 2C 4SQ CU CONC D3140							
TECH. DESCRIPTION:								
CONCENTRIC SERVICE CABLE * 4mm CROSS SECTIONAL AREA * 1kV * 2 CORE * STRANDED COPPER * INSULATION 0.7mm THICKNESS OF XLPE * CURRENT RATING 30 AMPS * COPPER CONDUCTOR 7 x 0.85mm * O/ALL DIAMETER 8.0-9.5mm * NEUTRAL/EARTH > = 7 STRANDS = 4mm * DRUM = 500m * ESKOM DRAWING No. D-DT-3140 *								
SAP MATERIAL No.:	0171294							
SHORT DESCRIPTION:	CABLE 1kV 2C 10C 10SQ CU CONC D3140							
TECH. DESCRIPTION:								
CONCENTRIC SERVICE CABLE * 10mm CROSS SECTIONAL AREA * 1kV * 2 CORE * STRANDED COPPER * INSULATION 0.7mm THICKNESS OF XLPE * CURRENT RATING 50 AMPS * COPPER CONDUCTOR 7 x 1.45mm * O/ALL DIAMETER 10-12.5mm * NEUTRAL/EARTH > = 12 STRANDS = 10mm * DRUM = 500m * ESKOM DRAWING No. D-DT-3140 *								
ITEM	:- CABLE 1kV SERVICE CONCENTRIC CU							
MATERIAL SPECIFICATION	:- STRANDED COPPER							
CORROSION SPECIFICATION	:-							
STANDARD SPECIFICATION	:- SANS 1507							
ESKOM SPECIFICATION	:- 34-1706, <span style="color: red;">240-61704085</span>							
TEST & CERTIFICATION REQUIREMENTS :-								
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS								
11	SAP 0555889 ADDED AND ESKOM SPEC MODIFIED		P.A.T.	J. MAUDU	J. MAUDU	17.05.2016		
10	SAP 0555889 ADDED AND add ESKOM SPEC CORRECTED		P.A.T.	J. MAUDU	J. MAUDU	06.08.2014		
9	0229800 REMOVED AND 4 SQ. CONCENTRIC SERVICE CABLE WITH COMMS PAIR ADDED		P.A.T.	J. MAUDU	R.KELLY	14.02.2010		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	17-07-95	 <b>D-DT-3140</b>		SAP No:		
CHKD:	J. SWAN	DATE:	17-07-95			0171296		
DRAWN:	P.A. VERMAAK	DATE:	11-05-95			0171294		
						SET	SHEET	REV
						<span style="color: red;">3</span>	1	<span style="color: red;">11</span>

## SPEC SHEET

SAP MATERIAL No.:		0252076	
SHORT DESCRIPTION:		CABLE 1kV 2C 4SQ CU CONC COMM D3140	
TECH. DESCRIPTION:			
CONCENTRIC SERVICE CABLE INCLUDING COMMUNICATION PAIR *			
4 mm SQ. CROSS-SECTIONAL AREA * 1kV * 2 CORE * COPPER CONDUCTOR 7 x 0.85mm*			
OVERALL DIAMETER 8.0-9.5mm * CURRENT RATING 30 AMPS *			
STRANDED COPPER * 0.7mm XLPE PHASE INSULATION *			
COMBINED NEUTRAL AND EARTH > = 7 STRANDS = 4mm *			
COMMUNICATION CORE CONDUCTOR DIAMETER = 0.8mm *			
DRUM = 500m *			
ESKOM DRAWING No. D-DT-3140 *			
SAP MATERIAL No.:		0229799	
SHORT DESCRIPTION:		CABLE 1kV 2C 10SQ CU CONC COMM D3140	
TECH. DESCRIPTION:			
CONCENTRIC SERVICE CABLE INCLUDING COMMUNICATION PAIR *			
10 mm SQ. CROSS-SECTIONAL AREA * 1kV * 2 CORE * COPPER CONDUCTOR 7 x 1.45mm*			
OVERALL DIAMETER 10.0-12.5mm * CURRENT RATING 50 AMPS *			
STRANDED COPPER * 0.7mm XLPE PHASE INSULATION *			
COMBINED NEUTRAL AND EARTH > = 12 STRANDS = 10mm *			
COMMUNICATION CORE CONDUCTOR DIAMETER = 0.8mm *			
DRUM = 500m *			
ESKOM DRAWING No. D-DT-3140 *			

# SPEC SHEET

SAP MATERIAL No.:	0632881							
SHORT DESCRIPTION:	CABLE,ELECT:230 V ;XLPE ;2C ;6 MM2							
<b>TECH. DESCRIPTION:</b>  CABLE, ELECTRICAL: VOLTAGE: 230 V; CONDUCTOR INSULATION: XLPE; CORE QUANTITY: 2C; CONDUCTOR MATERIAL: COPPER STEEL; CONDUCTOR SIZE: 6 MM2; ARMOR: TINNED; COATED STL; DESIGN TYPE: CONCENT; SHEATH MATERIAL: PE; CONDUCTOR: GSW/TINNED CU; COVERING: POLYETHELENE SHEATH; RATING: 60 A; TEMPERATURE RATING: 90 DEG C; CONDUCTOR INSULATION: XLPE; INNER CORE (LIVE) 1 X 1.25MM MAX DIAMETER GALVANISED STEEL WIRE (GSW) AND 6X 1.14MM DIAMETER TINNED COPPER WIRES (TCU); OUTER CORE (NEUTRAL) 7X 1.05MM DIAMETER TINNED COPPER AND 6X 1.25MM MAX DIAMETER GALVANISED STEEL WIRE; COMMUNICATION CORE DIAMETER 0.8MM; CABLE DRUM 500M; ESKOM DRAWING No. D-DT-3140 *								
SAP MATERIAL No.:	0555889							
SHORT DESCRIPTION:	CABLE,ELECT:CONCENT;GSW/TINNED CU;8MM2							
<b>TECH. DESCRIPTION:</b>  CABLE, ELECTRICAL: TYPE: CONCENT; CONDUCTOR: GSW/TINNED CU; CONDUCTOR SIZE: 8MM2; CONDUCTOR INSULATION: XLPE; COVERING: POLYETHELENE SHEATH; RATING: 70 A; TEMPERATURE RATING: 90 DEG C; INNER CORE (LIVE) 1X 1.25MM DIAMETER GALVANISED STEEL WIRE (GSW) AND 6X 1.26MM DIAMETER TINNED COPPER WIRES (TCU); OUTER CORE (NEUTRAL) 7X 1.26MM DIAMETER TINNED COPPER AND 6X 1.25MM DIAMETER GALVANISED STEEL WIRE; COMMUNICATION CORE DIAMETER 0.8MM; CABLE DRUM 500M; ESKOM DRAWING No. D-DT-3140 *								
ITEM	:- CABLE,ELECT:CONCENT;GSW/TINNED CU;8MM2							
STANDARD	:- 240-61704085							
UNIQUE IDENTIFIER								
11	SAP 0555889 ADDED AND ESKOM SPEC MODIFIED			P.A.T.	J. MAUDU	J. MAUDU	17.05.2016	
10	SAP 0555889 ADDED AND add ESKOM SPEC CORRECTED			P.A.T.	J. MAUDU	J. MAUDU	06.08.2014	
9	0229800 REMOVED AND 4 SQ. CONCENTRIC SERVICE CABLE WITH COMMS PAIR ADDED			P.A.T.	J. MAUDU	R.KELLY	14.02.2010	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	
AUTH:	P. CROWDY	DATE:	17-07-95			SAP No:		
CHKD:	J. SWAN	DATE:	17-07-95			0632881	0555889	
DRAWN:	P.A. VERMAAK	DATE:	11-05-95			SET	SHEET	REV
				D-DT-3140		3	3	11

Unique Identifier:204-48887441

Revision 1