



SPEC SHEET

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, ELECT:						
MATERIAL SPECIFICATION	:- STRANDED COPPER						
CORROSION SPECIFICATION	:-						
STANDARD SPECIFICATION	:- SANS 1507						
ESKOM SPECIFICATION	:- 34-2023						
TEST & CERTIFICATION REQUIREMENTS :-							
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS							
12	SAP NUMBER 0678160 ADDED, COMMICATION CORES REMOVED FOR 6MM2 AND 10MM2 AND TECBNICAL DESCRIPTION REVIEWED ABSOLUTE SAP NUMBERS 0171296, 0229799,0252076,0555889		J.S	J. MAUDU		29.07.2022	
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	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	17-07-95	 D-DT-3140	SAP No:		
CHKD:	J. SWAN	DATE:	17-07-95		0171294		
DRAWN:	P.A. VERMAAK	DATE:	11-05-95		SET	SHEET	REV
			SCALE NTS				
			CAD REF: SERIES 3000				
			FILE No: 3140				
						2	1
							12

SPEC SHEET

SAP MATERIAL No.:	0632881						
SHORT DESCRIPTION:	CABLE,ELECT:1000 V ;TCU GSW;6 MM2						
TECH. DESCRIPTION:	<p>CABLE, ELECTRICAL: VOLTAGE: 1000 V; CONDUCTOR INSULATION: XLPE; CORE QUANTITY: 2C; CONDUCTOR MATERIAL: TCU /GSW; 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) 1X 1.14MM MIN DIAMETER OR 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 7X 1.14MM MIN DIAMETER OR 7X 1.25MM MAX DIAMETER GALVANISED STEEL WIRE; CABLE DRUM 500M; ESKOM DRAWING No. D-DT-3140 *</p>						
SAP MATERIAL No.:	0678160						
SHORT DESCRIPTION:	CABLE ELECT:1000 V; TCU GSW;10 MM2						
TECH. DESCRIPTION:	<p>CABLE, ELECTRICAL: VOLTAGE: 1000 V; CORE QUANTITY: 1; CONDUCTOR MATERIAL: TNCU GSW; CONDUCTOR SIZE: 10 MM2; ARMOR: TNCU GSW; DESIGN TYPE: CONCENTRIC; SHEATH MATERIAL: POLYETHELENE; STANDARD: 240-61704085; COVERING: PE SHEATH; RATING: 80 A; SPECIFICATION: SANS 1507; WEIGHT PER UNIT MEASURE: 210 KG; TEMPERATURE RATING: 90 DEG C; LENGTH: 500 M; APPLICATION: SERVICE CABLE; CONDUCTOR INSULATION: XLPE. INNER CORE (LIVE) 1X 1.14MM MIN DIAMETER OR 1X 1.25MM DIAMETER GALVANISED STEEL WIRE (GSW) AND 6X 1.26MM DIAMETER TINNED COPPER WIRES (TCU;). OUTER CORE (NEUTRAL) 6X 1.26MM DIAMETER TINNED COPPER AND 7X 1.14MM MIN DIAMETER OR 7X 1.25MM DIAMETER GALVANISED STEEL WIRE. CABLE DRUM 500M; ESKOM DRAWING No. D-DT-3140 *</p>						
ITEM	:- CABLE, ELECT:						
MATERIAL SPECIFICATION	:-						
CORROSION SPECIFICATION	:-						
STANDARD SPECIFICATION	:- SANS 1507						
ESKOM SPECIFICATION	:- 240-61704085						
TEST & CERTIFICATION REQUIREMENTS	:-						
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS							
12	SAP NUMBER 0678160 ADDED, COMMICATION CORES REMOVED FOR 6MM2 AND 10MM2 AND TECBNICAL DESCRIPTION REVIEWED ABSOLUTE SAP NUMBERS 0171296, 0229799,0252076,0555889		J.S	J. MAUDU		29.07.2022	
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REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	17-07-95	 D-DT-3140	SAP No: 0632881 0678160		
CHKD:	J. SWAN	DATE:	17-07-95		SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	11-05-95	3140	2	2	12