




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, 240-61704085									
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	 D-DT-3140		SAP No:				
CHKD:	J. SWAN	DATE:	17-07-95			0171296		SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	11-05-95			0171294				
				SCALE			3	1	11	
				NTS						
				CAD REF:						
				SERIES 3000						
				FILE No:						
				3140						

SPEC SHEET

SAP MATERIAL No.:	0252076							
SHORT DESCRIPTION:	CABLE 1kV 2C 4SQ CU CONC COMM D3140							
TECH. DESCRIPTION:	<p>CONCENTRIC SERVICE CABLE INCLUDING COMMUNICATION PAIR *</p> <p>4 mm SQ. CROSS-SECTIONAL AREA * 1kV * 2 CORE * COPPER CONDUCTOR 7 x 0.85mm*</p> <p>OVERALL DIAMETER 8.0-9.5mm * CURRENT RATING 30 AMPS *</p> <p>STRANDED COPPER * 0.7mm XLPE PHASE INSULATION *</p> <p>COMBINED NEUTRAL AND EARTH > = 7 STRANDS = 4mm *</p> <p>COMMUNICATION CORE CONDUCTOR DIAMETER = 0.8mm *</p> <p>DRUM = 500m *</p> <p>ESKOM DRAWING No. D-DT-3140 *</p>							
SAP MATERIAL No.:	0229799							
SHORT DESCRIPTION:	CABLE 1kV 2C 10SQ CU CONC COMM D3140							
TECH. DESCRIPTION:	<p>CONCENTRIC SERVICE CABLE INCLUDING COMMUNICATION PAIR *</p> <p>10 mm SQ. CROSS-SECTIONAL AREA * 1kV * 2 CORE * COPPER CONDUCTOR 7 x 1.45mm*</p> <p>OVERALL DIAMETER 10.0-12.5mm * CURRENT RATING 50 AMPS *</p> <p>STRANDED COPPER * 0.7mm XLPE PHASE INSULATION *</p> <p>COMBINED NEUTRAL AND EARTH > = 12 STRANDS = 10mm *</p> <p>COMMUNICATION CORE CONDUCTOR DIAMETER = 0.8mm *</p> <p>DRUM = 500m *</p> <p>ESKOM DRAWING No. D-DT-3140 *</p>							
ITEM	:- CABLE 1kV SERVICE CONCENTRIC CU WITH COMMS PAIR							
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:- INDELIBILE 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	 D-DT-3140		SAP No:		
CHKD:	J. SWAN	DATE:	17-07-95			0252076		
DRAWN:	P.A. VERMAAK	DATE:	11-05-95			0229799		
						SET	SHEET	REV
						3	2	11

SPEC SHEET

SAP MATERIAL No.:	0632881							
SHORT DESCRIPTION:	CABLE,ELECT:230 V ;XLPE ;2C ;6 MM2							
TECH. DESCRIPTION:	<p>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 *</p>							
SAP MATERIAL No.:	0555889							
SHORT DESCRIPTION:	CABLE,ELECT:CONCENT;GSW/TINNED CU;8MM2							
TECH. DESCRIPTION:	<p>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 *</p>							
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	 D-DT-3140		SAP No:		
CHKD:	J. SWAN	DATE:	17-07-95			0632881	0555889	
DRAWN:	P.A. VERMAAK	DATE:	11-05-95			SET	SHEET	REV
				3140	3	3	11	