




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 | | |
| DRAWN: | P.A. VERMAAK | DATE: | 11-05-95 | | | 0171294 | | |
| | | | | | | SET | SHEET | REV |
| | | | | | | 3 | 1 | 11 |

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:- 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 | | | 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 |  | | SAP No: | | |
| CHKD: | J. SWAN | DATE: | 17-07-95 | | | 0632881 | 0555889 | |
| DRAWN: | P.A. VERMAAK | DATE: | 11-05-95 | | | 3 | 3 | 11 |
| | | | | D-DT-3140 | | | | |

Unique Identifier:204-48887441

Revision 1