

# M-TEC

## Company Profile



2024. 04. 01

# Contents

## 1. M-TEC Overview

- M-TEC Overview Vision & Mission Statement
- Shareholder's Profile
- BBBEE Level 1
- Company organization
- Company History
- M-TEC Products
- Product Profile: MV and LV
- Product Profile: Copper, Aluminium, Fibre Optic

## 2. Products Introduction by Factories

- Power Cable 1 Factory
- Power Cable 2 Factory
- Aluminium Factory
- OPGW Factory
- Copper Factory
- Fibre Optic Factory

## 3. Accreditation and Certification

## 4. Financial Overview Summary

## 5. Appendix



## Overview M-TEC

### Malelela Taihan Electric Cable also known as M-TEC

Has been a leading player in the cable industry in South Africa for over 50 years. Established in 1911, M-TEC has developed into a market leader in the wire and cable industry and today the company is ranked as one of South Africa's largest manufacturers and suppliers of Aluminum overhead conductors, copper products, low and medium voltage power cables and various optical fibre cable

Company location : 273 General, Hertzog  
Peacehaven Vereeniging

Company Dimension : 90,000m<sup>2</sup>

Company Workforce : 350 persons

Company shareholder : CIH(51%)  
Taihan (49%)

Factory : 5 manufacturing plants

B-BBEE : Level 1



## Company Vision & Mission Statement

### **Mission**

*We Are All In One To Ensure Customer Satisfaction With Our Best Service On Time*

### **Vision**

*To Help The World To Become Closer And Brighter*

### **Core Value**

*Global standard through insight, innovation and Operational Excellence*

# Shareholder's Profile



<https://www.ciholdings.co.za>

Community Investment Holdings (CIH) is a 100% black owned, women led company with a consolidated group turnover in excess of R20 billion, diversified between **Healthcare, ICT, Power & Energy, Logistics, Mining and Infrastructure development**. Some of its premium investments includes Afrocentric limited(Medscheme), Temo Coal, Jasco Electronics Holdings, Tamasa Investment Holdings as well as property development interests.



## Dr. Theresa Mokgokong

Group Executive Chairperson  
BSc, UB, MB ChB, D Comm (hc)  
Honorary Consul General of Iceland in Pretoria.



## Mr. Joe Madungandaba

Group Chief Executive Officer  
Member of South Africa Institute of Professional Accountants (SAIPA)  
University of South Africa(UNISA), Cranfield School of Management (UK)  
Wharton Business School (USA).



# Shareholder's Profile

※ As of 2022



<https://www.taihan.com/en>

## Established

Korea's first electric cable company  
(Predecessor company  
Chosun Electric Wire Co., Ltd. 1941)

**1955**

## Largest shareholder

※Hoban Group

**Hoban  
E&C Co., Ltd.**

## Revenue

KRW

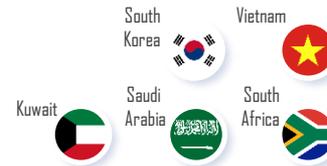
**2.4505  
Trillion  
(\$1.81 billion)**

## Employees

335 in HQ, 541 in factories  
663 in branch offices and subsidiaries

**1,539**

## Production base



## Product & Service

**Manufacture, supply  
and construct cables in fields of  
electricity, renewable energy,  
communications and base metal**

- 1941 Established Chosun Electric Wire Co., Ltd.
- 1955 Established Taihan Electric Wire Co., Ltd.
- 1957 Produced PVC jacket cable

- 1964 Became Korea's first company to export cables
- 1968 Listed on the stock exchange
- 1975 Built Anyang cable plant
- 1978 Built EHV DF cable plant

- 1980 Constructed SCR (Southwire Continuous Rod) factory
- 1983 Established the Technology Research Center
- 1984 Built the Anyang optical fiber cable factory
- 1996 Built new VCV tower and EHV cable factory

1940~1950s | **Beginning of history**

1960~1970s | **Initial establishment of power grid**

1980~1990s | **Expedited growth of projects**

2020s | **New Taihan in HOBAN**

- 2021 Largest shareholder changed to Hoban E&C Co., Ltd.
- 2023 Broke ground for a submarine cable plant in Dangjin  
Acquired ESG Composite Grade A for 3 consecutive years (KCGS)

2010s | **Accelerated global localization**

- 2011 Built Dangjin plant
- 2016 Established Taihan Vina, a production base in Vietnam
- 2017 Established Saudi Taihan, a joint venture in Saudi Arabia

2000s | **Building global production bases**

- 2000 Founded a South Africa subsidiary M-TEC
- 2005 Established TSC, a production base in Vietnam
- 2007 Won "\$1 billion Export award" on the 4th Trade Day  
Built Dangjin Cable Accessory Plant

# Company B-BBEE Verification



**ALPHA**  
BEE VERIFICATIONS  
01/B-BBEE/2023/00002/GEN

**MALESELA TAIHAN ELECTRIC CABLE (PTY) LTD**  
T/A M-TEC  
1 Steel Road, Peacehaven, Vereeniging, 1930  
Company Registration No: 2000/007692/07  
VAT: 4450188612

**B-BBEE Level ONE**  
B-BBEE Procurement Recognition 135%  
Black Ownership: 51% & Black Woman Ownership: 31,36%  
Y.E.S. Initiative Applied: No Y.E.S. Initiative  
Financial Year Rated: 31 December 2022

Element	Weight	Score
Ownership	25	25.00
Management Control	19	11.52
Skills Development	20	19.33
Enterprise & Supplier Development	42	40.27
Socio-Economic Development	5	5.00
Y.E.S. Initiative Bonus Points		0.00
<b>Overall Result</b>	<b>111</b>	<b>101.12</b>

Generic Large Enterprise (>R50 million) DTI Codes of Good Practice on Black Economic Empowerment

Criteria	Result	Criteria	Result
Empowering Supplier	Yes	Designated Group Percentage	21%
Designated Group Supplier	No	Youth Percentage	21%
Modified Flow Through Applied	No	Disabled Percentage	0%
Exclusion Principle Applied	No	Unemployed Percentage	0%
Discounting Principle Applied	No	People Living in Rural Areas Percentage	0%
Black New Entrant Percentage	51.00%	Military Veterans Percentage	0%

This verification certificate and the verification report are based on information provided to Alpha BEE Verifications and represent an independent opinion based on the verification and analysis completed by Alpha BEE Verifications. The calculation of the scores has been determined in accordance with the Generic Large Enterprise (>R50 million) DTI Codes of Good Practice on Black Economic Empowerment Gazettes 3692R, 3807G, 4186G, 4197G and 4249G

Date of Issue: 15 September 2023  
Re-Issue Date: N/A  
Expiry Date: 14 September 2024  
Period of validity: 12 Months

  
**Technical Signatory: Gert Moller**  
Alpha BEE Verifications (Pty) Ltd (Reg: 2019/292491/07)  
92 Stella Street, Brooklyn, Pretoria, 0181



**sanas**  
B-BBEE Rating Agency  
BVA 285

**Broad Based BEE status level:**

**A level ONE contributor to B-BBEE**

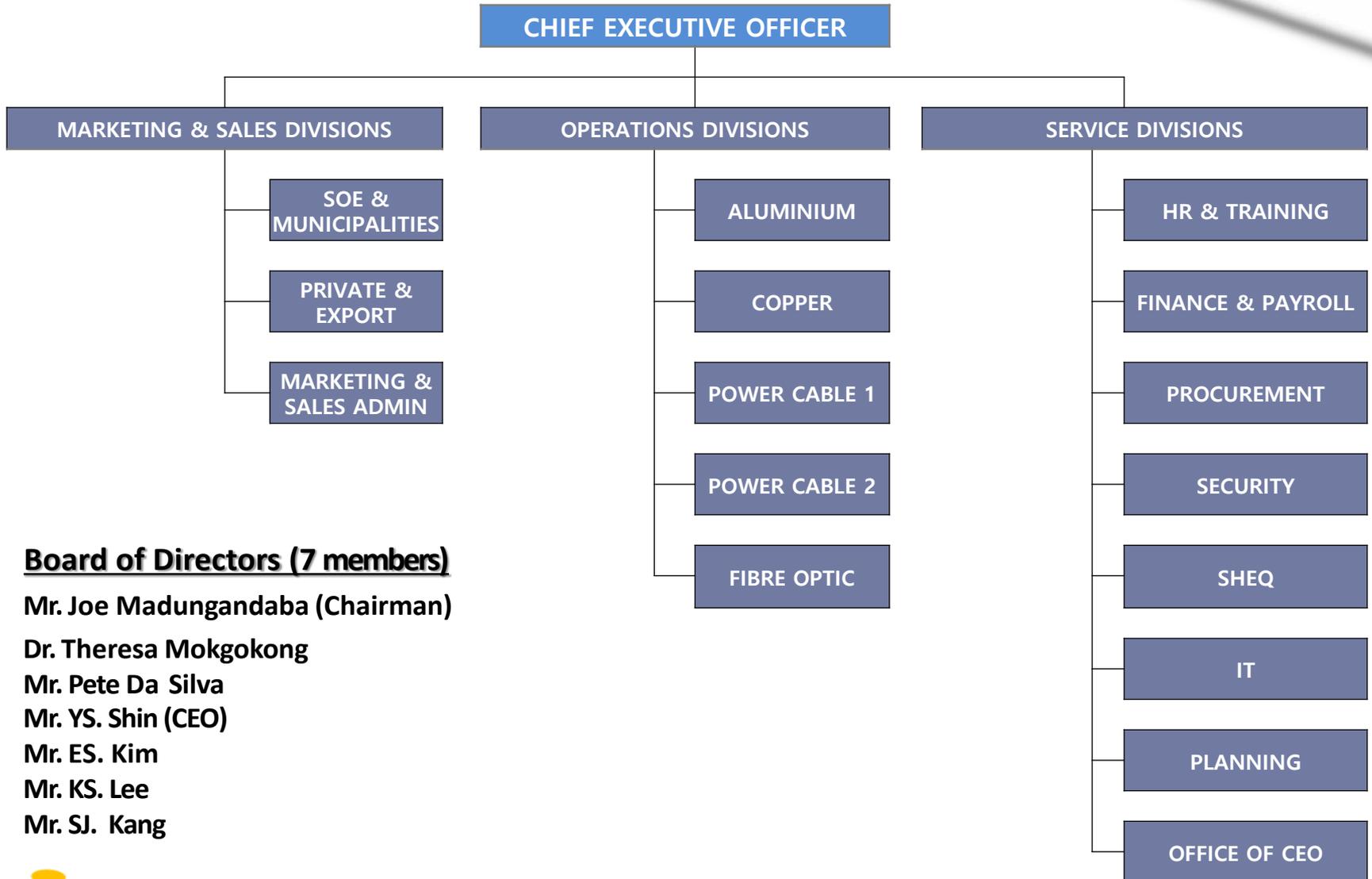
**BEE procurement recognition level: 135%**

**Black Ownership: 51.00%**

**Black Women Ownership: 31.36%**

**Y.E.S Initiative Applied: No Y.E.S. Initiative**

# Company Organization



## **Board of Directors (7 members)**

**Mr. Joe Madungandaba (Chairman)**

**Dr. Theresa Mokgokong**

**Mr. Pete Da Silva**

**Mr. YS. Shin (CEO)**

**Mr. ES. Kim**

**Mr. KS. Lee**

**Mr. SJ. Kang**

## Company History

- **1911** Union Steel Corporation(USKO) was founded
- **1927** Copper conductor, wire & strip produced
- **1961** Aluminum conductor produced
- **1970** PVC Cable produced
- **1980** LV XLPE Cable produced
- **1985** CCV insulation extruder (Nokia) installed, MV XLPE production started
- **1998** USKO's Wire Division was taken over by Malesela Technologies Pty Ltd. (CIH)
- **2000** Taihan Electric/Korea joined with 49 % Shares (CIH 51 %), and renamed as M-TEC
- **2001** Fibre Optic Cable Plant established, supply FOC to Telkom
- **2003** OPGW line was installed (sole manufacturer of OPGW in the Region)
- **2003** SABS ISO 9001:2000 was obtained
- **2011** 100 years anniversary
- **2016** 33kV XLPE power cable developed (SABS)
- **2017** Bells, Split concentric, control cables, MV ABC developed (SABS)
- **2021** Procure AMSA building
- **2023** Investment for new CCV #2

# M-TEC Products in Factory

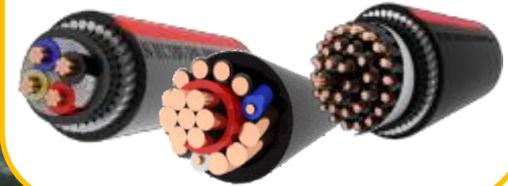
## Power Cable Plant 1

1. MV XLPE Cable (1~33kV)
2. Mains Copper and Aluminum
3. ABC (LV, MV)



## Power Cable Plant 2

1. Low Voltage Service connection cable
  - Concentric Neutral & Earth (CNE)
  - Split Neutral Earth (SNE)
2. Low Voltage Bell Cable
3. Low Voltage Control Cable



## Aluminum Plant

1. ACSR (66~765kV)
2. AAAC
3. AAC
4. Al Strip
5. ACCC
6. OPGW



## Fiber Optic Plant

1. FTTH Indoor cable
2. Fibre Optic Drop Cable
3. ADSS
4. HDD (Heavy duty duct)
5. Micro duct Optic Fibre Cable
6. CST (Corrugated Steel tape) Armored
7. Uni-Tube Metallic (CTS)
8. Uni-Tube Non-Metallic



## Copper Plant

1. Solid Wire
2. Stranded Copper Conductor
3. Bunched Copper Wire
4. Contact Wire for Railway
5. Copper Strip

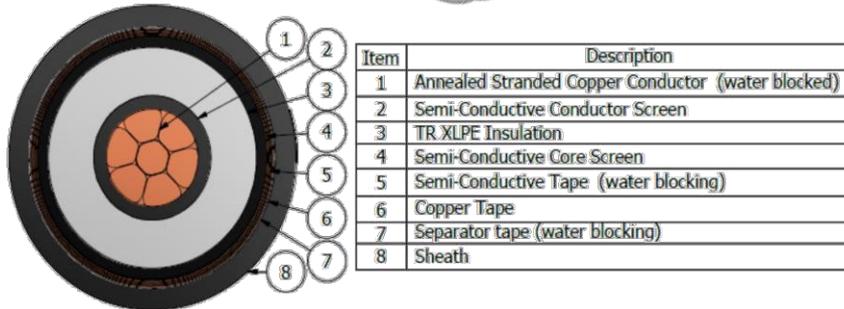


# Power Cable 1 Factory

## MV Single Core XLPE Cables

(SANS 1339)

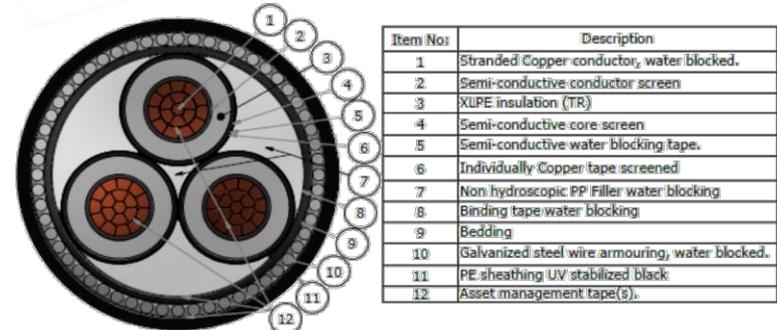
- **Conductor: Class 2 of compacted circular or circular stranded plain copper or aluminium**
- Size range:
  - ✓ 6.6 & 11kV: 35mm<sup>2</sup> - 300mm<sup>2</sup> (Cu), 50mm<sup>2</sup> - 630mm<sup>2</sup> (Al)
  - ✓ 22kV: 50mm<sup>2</sup> - 300mm<sup>2</sup> (Cu), 50mm<sup>2</sup> - 630mm<sup>2</sup> (Al)
  - ✓ 33kV: 50mm<sup>2</sup> - 300mm<sup>2</sup> (Cu), 50mm<sup>2</sup> - 630mm<sup>2</sup> (Al)



## MV 3 Core XLPE Cables

(SANS 1339)

- **Conductor: Class 2 of compacted circular or circular stranded plain copper or aluminium**
- Size range:
  - ✓ 6.6 & 11kV: 35mm<sup>2</sup> - 300mm<sup>2</sup> (Cu), 35mm<sup>2</sup> - 300mm<sup>2</sup> (Al)
  - ✓ 22kV: 35mm<sup>2</sup> - 300mm<sup>2</sup> (Cu), 35mm<sup>2</sup> - 300mm<sup>2</sup> (Al)
  - ✓ 33kV: 50mm<sup>2</sup> - 300mm<sup>2</sup> (Cu), 50mm<sup>2</sup> - 300mm<sup>2</sup> (Al)

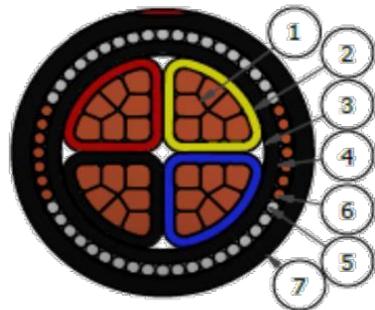
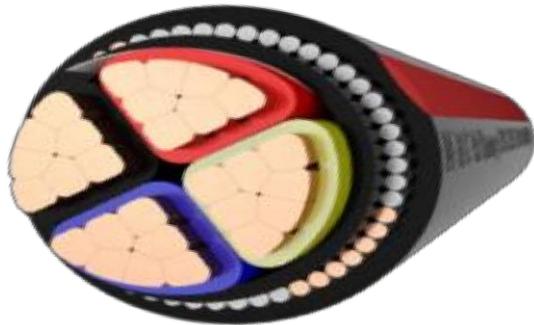


# Power Cable 1 Factory

## Low Voltage PVC / XLPE (SANS 1507)

### Plain Annealed stranded Copper and Aluminum conductor

- **Offering:**
  - ✓ 1 Core, Circular Shaped Stranded AL or CU Conductor
  - ✓ 3 / 4 Core, Sector Shaped Stranded AL or CU Conductor
- **Size range 0.6 / 1.0 kV & 1.9 / 3.3 kV:**
  - ✓ 1 Core : 25 - 630mm<sup>2</sup>
  - ✓ 3 / 4 Core : 25 - 300mm<sup>2</sup>

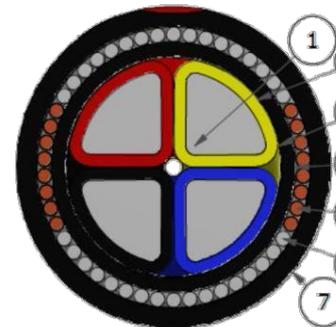


Item	Description
1	Annealed Copper conductor
2	Insulation
3	Separator / binding tape
4	Bedding
5	Steel wire armouring
6	ECC conductor
7	Sheathing

## Low Voltage PVC / XLPE (SANS 1507)

### Solid Aluminum conductor

- **Offering:**
  - ✓ 3 / 4 Core, Sector Shaped Solid Aluminum Conductor
- **Size range 0.6 / 1.0 kV & 1.9 / 3.3 kV:**
  - ✓ 3 Core : 25 - 300mm<sup>2</sup>
  - ✓ 4 Core : 25 - 300mm<sup>2</sup>

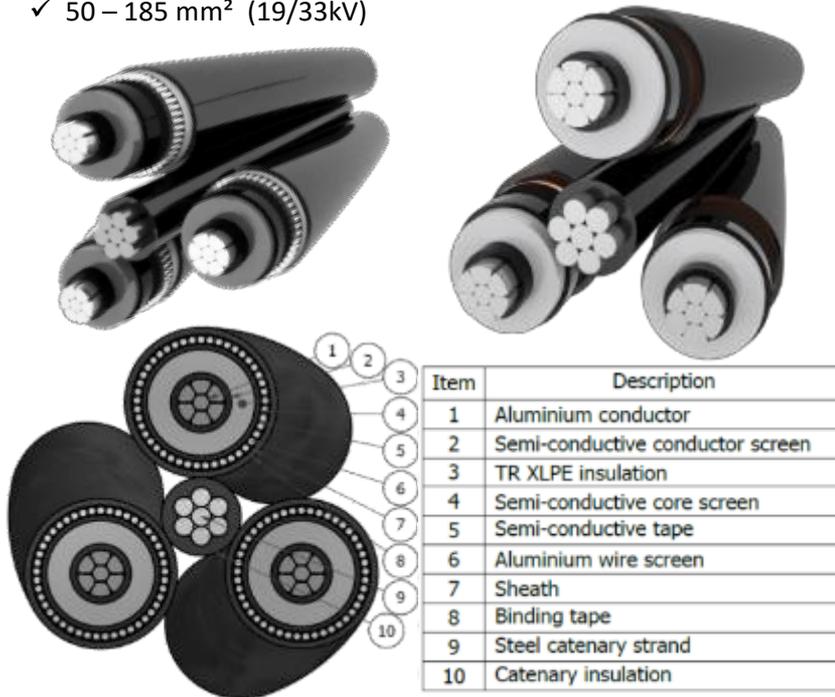


Item	Description
1	Solid Aluminium conductor
2	Insulation
3	Separator / binding tape
4	Bedding
5	Galvanized steel wire armouring
6	Tinned Copper earth continuity conductor
7	Sheathing

# Power Cable 1 Factory

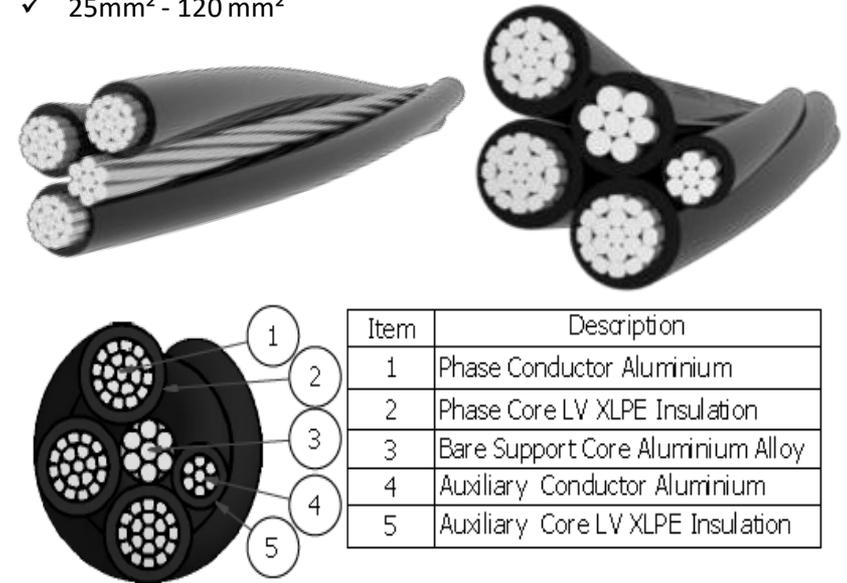
## MV ABC Cables (SANS 1713)

- Aluminium, XLPE insulated, FR PVC + Catenary Support
- Size Range -Type A (Armoured)
  - ✓ 95 – 185 mm<sup>2</sup> (3.8/6,6kV, 6.35/11kV, 12.7/22kV, 19/33kV)
- Size Range -Type B (Unarmoured)
  - ✓ 35 – 185 mm<sup>2</sup> (3.8/6,6kV, 6.35/11kV, 12.7/22kV)
  - ✓ 50 – 185 mm<sup>2</sup> (19/33kV)



## ABC (Aerial Bundled Conductor) (SANS 1418)

- ABC cable manufactured by M-TEC complies with SANS 1418 / ESKOM standard DSP 34-1803
- ABC Types:
  - ✓ Self Supported System
  - ✓ Insulated alloy support
  - ✓ Bare Neutral Support
- Size range 0.6 / 1.0 kV :
  - ✓ 25mm<sup>2</sup> - 120 mm<sup>2</sup>



# Power Cable 2 Factory

## Low Voltage Control PVC SWA Cable

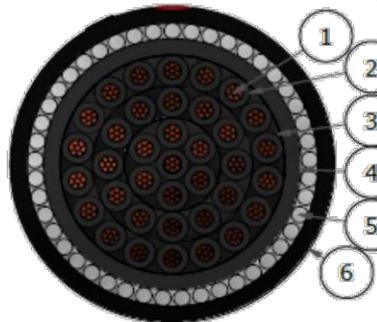
(SANS 1507)

*Plain Annealed stranded copper conductor to SANS 1507*

- **Size range - 0.6 / 1.0 kV:**
  - ✓ 5 Cores : 1.5 – 16mm<sup>2</sup>
  - ✓ 7+ Core : 1.5 – 4mm<sup>2</sup>

5, 7, 12, 19, 24, 27 and 37 core Control cables are most common;

However M-TEC is capable of manufacturing other core numbers on request.



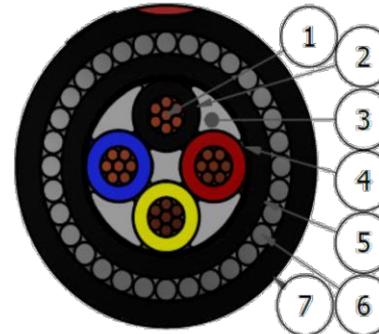
Item	Description
1	Annealed Copper conductor
2	PVC insulation
3	Binding /separator tape
4	Bedding
5	Steel Wire Armour
6	Sheath

## Low Voltage Bell PVC SWA Cable

(SANS 1507)

*Plain Annealed stranded copper conductor to SANS 1507*

- **Offering:**
  - ✓ 2 / 3 / 4 Core, Copper stranded circular
- **Size range - 0.6 / 1.0 kV & 1.9 / 3.3 kV:**
  - ✓ 2 / 3 / 4 Core: 1.5 - 25mm<sup>2</sup>



Item	Description
1	Annealed Copper conductor
2	Insulation
3	Filler
4	Binding tape
5	Bedding
6	Steel wire armour
7	Sheath

# Power Cable 2 Factory

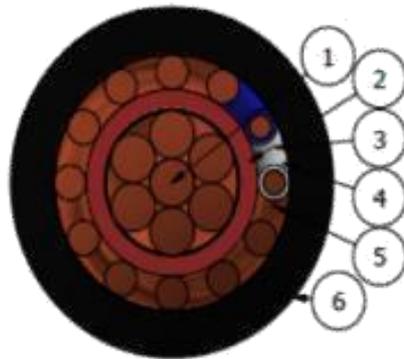
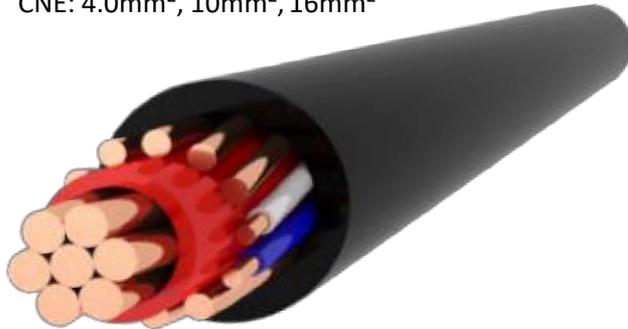
## LV Service Connection Cable - CNE

(SANS 1507-6)

### Concentric Neutral & Earth (CNE)

*Plain hard drawn stranded copper conductor to SABS 1507-6 /ESKOM Specification DISSCAAC7*

- Size Range:
  - ✓ CNE: 4.0mm<sup>2</sup>, 10mm<sup>2</sup>, 16mm<sup>2</sup>



Item	Description
1	HD Copper conductor
2	XLPE Insulation red UV stable
3	Bare Copper concentric wires
4	Pilot conductor
5	Communication cores PE insulated white and blue
6	PE sheath UV stable

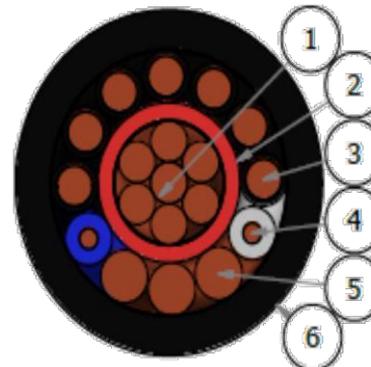
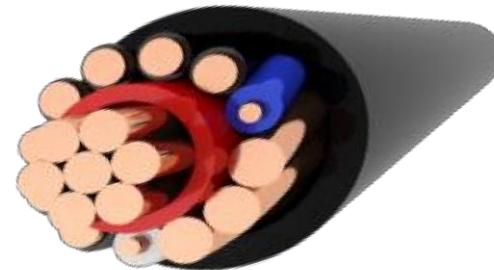
## LV Service Connection Cable – SNE

(SANS 1507-6)

### Split Neutral & Earth (SNE)

*Plain hard drawn stranded copper conductor to SABS 1507-6/ ESKOM Specification DISSCAAC7*

- Size Range:
  - ✓ SNE: 10mm<sup>2</sup>, 16mm<sup>2</sup>



Item	Description
1	HD Copper conductor
2	XLPE insulation red UV stable
3	Black PE covered neutral wires
4	Communication cores PE insulated white and blue
5	Bare earth conductor wires
6	PE sheath UV stable

# Aluminium Factory

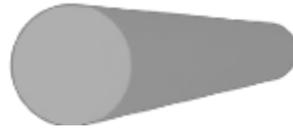
## Aluminium Overhead Conductors 66kV-765kV range (SANS 182-3)

- AAC – All Aluminium Conductors
- AAAC – Aluminium Alloy
- ACSR – Aluminium Conductors Steel Reinforced
- ACCC (High Temperature Low Sag)



## Aluminium Wire (SANS 182-2)

- EC Grade (1350):
  - ✓ 0.30mm to 9.00mm diameter



## Alloy Wire (SANS 182-2)

- Alloy grades:
  - ✓ 1.50mm to 8.50mm diameter
  - ✓ straight lengths up to 6m



## Aluminium Strip (SANS 182-2)

Size Range:

- 3.3 mm × 1.90 mm up to  
19.0 mm × 3.0 mm



## Aluminium Profiles (SANS 182-2)

Profile:

- Sector Shaped Solid Conductors
- 90°, 120°, and 180° Sectors

Size Range:

- 25 mm<sup>2</sup> up to 300 mm<sup>2</sup>



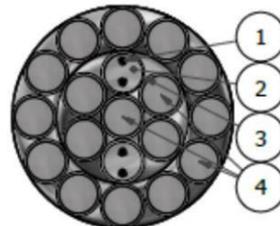
# OPGW Factory

## Optical Fibre Ground Wire(OPGW)

M-TEC's OPGW series provide an entirely new form of telecommunication in that is made up of a ground for aerial power lines, which contain optical fibers. The product is designed to resist strong winds, lightning and short circuit current. This product meet both the electrical and mechanical equivalent of conventional ground wire.

### General Application:

- Power line protection system
- Power line operation system
- Maintenance data information system
- Monitoring & controlling electrical power system



Item	Description
1	Fiber optics
2	Thixotropic gel
3	Stainless steel tube
4	Aluminium clad steel wires



# Product Profile

## M-TEC Product Profile (1/2)

Product Category		No Of Core(s)	Copper Size Range (mm2)	Aluminium Size Range (mm2)	Water Blocking	Metallic Core Screen	Armouring			Sheath	Specification with Certificate
							Type A		Type B		
							SW A	AW A	None		
Medium Voltage Power Cable	3.8/ 6.6 kV – 19/ 33kV XLPE	1/3	50-300	50-630	WB or Standard	CTS/CWS	YES	YES	YES	FR, LH, ZH, PE	SANS
	ABC 3.8/ 6.6 kV – 19/ 33 kV XLPE	3	-	95-185	-	CTS	-	YES	YES	FRPVC	SANS
Low Voltage Power Cable	1 kV (CP/AP/APS)	1/ 3/ 4	16-630	25-360	-	-	YES	YES	YES	FR, LH, ZH, PE	SANS
	3.3 kV (PVC/XLPE)	1/ 3	16-630	25-360	-	-	YES	YES	YES	FR, LH, ZH, PE	SANS
	ABC 1 kV XLPE	2/ 3/ 4/ 5	-	25-120	-	-	-	-	-	XLPE (Insulation)	SANS
	Bells (1kV)	2, 3, 4	1.5-16	-	-	-	YES	YES	YES	FR, LH, ZH, PE	SANS
	Control (1kV)	7, 12, 19, 27, 37	1.5-4.0	-	-	-	YES	YES	YES	FR, LH, ZH, PE	SANS
	Service Connection (CNE/SNE)	1	4.0-16	-	-	-	-	-	-	PE	SANS

### Abbreviations

**CTS: Copper Tape Metallic Screen**

**CWS: Copper Wire Metallic Screen**

**AWA: Aluminium Wire Armour (non-magnetic)**

**SWA: Galvanized Steel Wire Armour**

**Type A: Armoured Cable T**

**ype B: Unarmoured Cable**

**YES\*: SWA Cable is Intended for DC applications only Y**

**ES#: AWA Cable can be Manufactured but not Common**

# Product Profile

## M-TEC Product Profile (2/2)

Product Category		Aluminium Size Range		Specification		
Aluminium	AAC	All sizes range from 7 – 61 stands according to customer specification		SANS/ IECBS/ ASTM		
	AAAC					
	ACSR					
	ACCC					
	OPGW	Optical Ground Wire	Central Sus-tube or Multi Layer, as per specification/requirements kA rating	NRS/ IEC/ IEEE		
Product Category		Copper Size range	Technical Specification			
Copper	Wire	0.45mm $\phi$ – 20.0mm $\phi$	BS 13602, BS 13601			
	Bunched	1mm <sup>2</sup> -35mm <sup>2</sup>	Customer Specification, SANS 1411			
	Strand	1mm <sup>2</sup> -630mm <sup>2</sup>	SANS 1411, SANS 182, BS 7884			
	Strip	3.00mmx 2.00mm– 30.00mmx 4.00mm	Customer Specification			
	Contact Trolley Wire	80mm <sup>2</sup> , 107mm <sup>2</sup> , 161mm <sup>2</sup>	Transnet BS23-1970			
	CCS	16mm <sup>2</sup> -70mm <sup>2</sup>	Copper Cladded Steel Earth Conductor			
	CCA	16mm <sup>2</sup> -630mm <sup>2</sup>	Copper Cladded Aluminium Conductor			
			SANS			
			Customer Specification			
Product Category		Size Range	Max Span	Fibre Range	Specification	
Fibre Optic Cables	Aerial	Short Span (SSA)	100m	4-144 Fibre	In accordance with various National and International specifications, i.e. – Telkom, MTN, Neotel, Vodacom, Cell- C, Eskom, Transnet, IEC, etc.	
		Medium Span (MSA)	250m			
		Long Span (LSA)	250m-400m			
		Extra Long Span (XLSA)	400m-800m			
	Underground	HDD Single Sheath				4-144 Fibre
		HDD Double Sheath				
		HDD Blow In				
		CST Single Sheath				
		CST Double Sheath				
	Micro	Micro Duct				4-144 Fibre
FTTH Drop		2-12 Fibre				
FTTH Indoor		2-12 Fibre				

# Copper Factory

## Copper Wire Conductors and Strip (SANS 182-1)

### Contact Wire (trolley wire)

- Size range: 80mm<sup>2</sup> to 161 mm<sup>2</sup>
- Condition: Hard drawn to BS23 / BS EN 50149

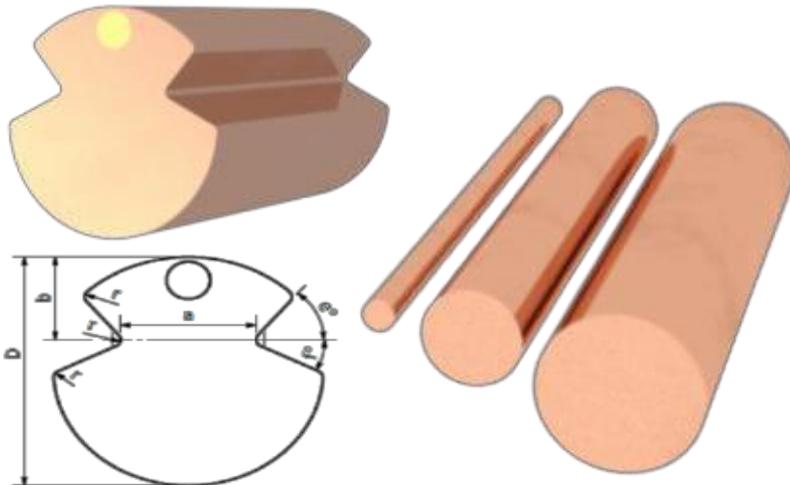
### Solid Copper wire

Single wire size range:

- From 0.20mm up to 19.00mm diameter

Condition:

- Annealed, hard drawn and medium hard to BS 4109 – 1970 and BS 1433-1970



## Copper Wire Conductors and Strip (SANS 182-1)

### Rotor Bars

- Size range: to customer specification
- Condition: Hard drawn to BS 1433 - 1970

### Copper Strip

- Condition: Hard drawn, medium hard or annealed to BS 1432 – 1987

### Bunched Conductors

- Various configurations to customer specifications

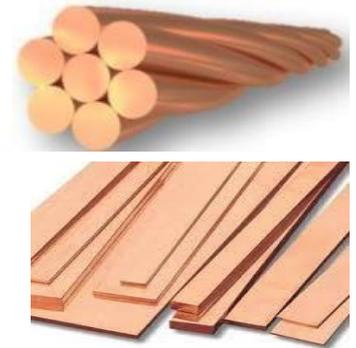
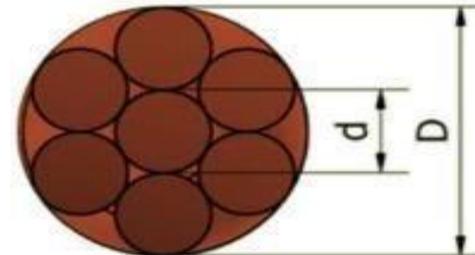
### Copper Conductor

Stranded copper wire:

- From - 1.0mm<sup>2</sup> to 630mm<sup>2</sup>

Condition:

- Annealed: SABS 1411 Part 1-1986
- Hard drawn: SABS 182 Part 1-1973

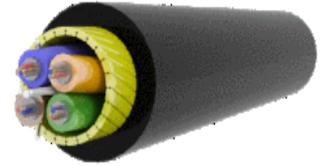


# Fibre Optic Factory

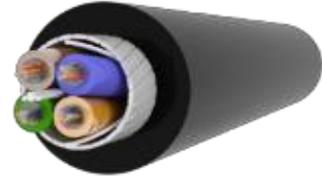
Fibre Optic Cables

Product Category	Size Range	Max Span	Fibre Range
<b>Arial</b>	Short Span (SSA)	100m	4-144 Fibre
	Medium Span (MSA)	250m	
	Long Span (LSA)	250-400m	
	Extra Long Span (XLSA)	400-800m	
<b>Underground</b>	HDD Single Sheath		4-144 Fibre
	HDD Double Sheath		
	HDD Blow-In		
	CST Single Sheath		
	CST Double Sheath		
<b>Micro</b>	Micro Duct	4-144 Fibre	
	FTTH Drop		
	FTTH Indoor	2-12 Fibre	

**ADSS**



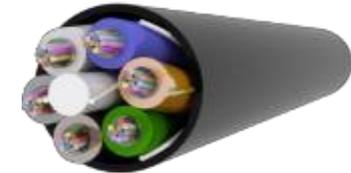
**HDD**



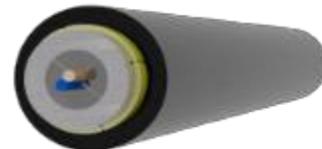
**CST**



**Micro**



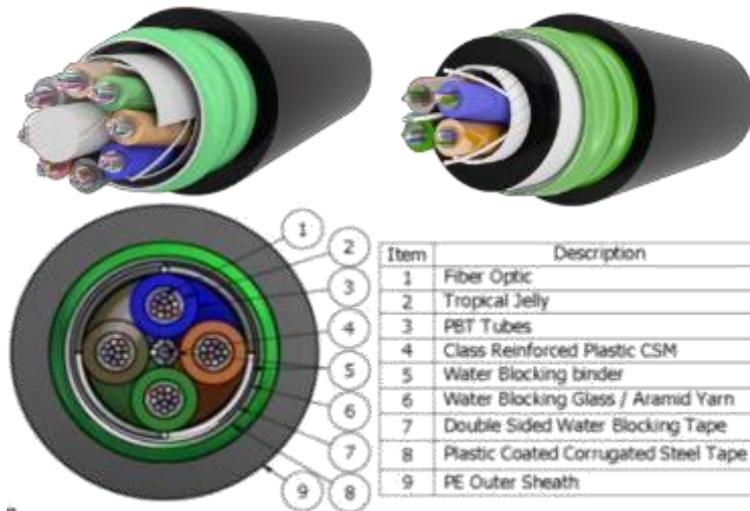
**FTTH**



# Fibre Optic Categories

## Corrugated Steel Tape (CST) Cable for Direct Buried

- Multimode and single Mode
- Rodent and termite resistant
- Corrugated steel tape amour
- Application: Direct buried or hauled into ducting
- Standard fibre count: 2-144 fibre's



## All Dielectric Self Supported (ADSS) – Aerial Cables

- Multimode and single Mode
- Round aerodynamical stable design
- Aramid pheripiral strength members
- Water Blocking (optional)
- Anti-Track sheath (optional)
- Application: Strung in air between supports
- Standard fibre count: 2-144 fibres



# Accreditation and Certification

- ✓ ISO 9001 Quality Management System
- ✓ ISO 14001 Environmental Management
- ✓ ISO 45001 Health & Safety Management
- ✓ SANS 182-1 Copper Wire & Stranded Copper Conductors
- ✓ SANS 182-2 Stranded Aluminium Conductors
- ✓ SANS 182-3 Aluminium Conductor, Steel Reinforced
- ✓ SANS 1339 MV XLPE Distribution Cables (3.8/6.6kV to 19/33kV)
- ✓ SANS 1507-3 PVC Distribution Cables
- ✓ SANS 1507-4 XLPE Distribution Cables
- ✓ SANS 1507-5 Halogen Free Distribution Cables
- ✓ SANS 1507-6 Service Connection (CNE/SNE) Cables
- ✓ SANS 1713 MV ABC Cables (3.8/6.6kV to 19/33kV)
- ✓ SANS1418-1 LV ABC Cores
- ✓ SANS1418-2 LV Assembled ABC Conductor

