

*A QUALITY
CABLE MANUFACTURER
SINCE 1972*



PRODUCT OVERVIEW



KMI
Wire and Cable

**kabelmetal
INDONESIA**

ISO 9001
QUALITY ASSURED FIRM

ISO 14001
ENVIRONMENTAL SYSTEM

OHSAS 18001
HEALTH & SAFETY MANAGEMENT SYSTEM

SMK3
PF NO. 50/2012

PT KMI Wire and Cable Tbk



COMPANY PROFILE

The company was established on January 19, 1972 as PT Kabelmetal Indonesia by Kabel-und Metalwerke Guetehoffnungshuette AG, a German company that later on was known as Kabelmetal Electro GmbH. Its first commercial products were launched in 1974 bearing the well-known KABELMETAL brand.

In 1986, PT Gajah Tunggal Mulia acquired the majority stake of the company and remains majority ever since. The company was publicly listed on both the Jakarta Stock Exchange and the Surabaya Stock Exchange in 1992. To reveal the Holding's identity, by the end of 1996 the company changed its name to PT GT Kabel Indonesia Tbk, while maintaining the KABELMETAL brand for domestic market.

Since mid 2007, while maintaining the KABELMETAL brand for domestic market, the Company introduced "KMI Wire and Cable" to gradually replace GT Kabel brand in overseas market. Later on, effective from september 1st 2008, the new overseas brand became the company name PT KMI Wire and Cable Tbk.

The company is one of the qualified suppliers of power cables to PT Perusahaan Listrik Negara (Persero), the state owned electricity company, as well as being qualified supplier of telephone cables to PT Telekomunikasi Indonesia Tbk, the privatized state owned telecommunication company. The company is also a major cable supplier to private and industrial sectors, namely oil and gas, mining, various industrial and many others, either directly or through its nation-wide chains of distributors and resellers.

The Company was awarded **ISO 9002** for its cable production in 1995 and for its newly established Aluminium and Copper Casting in 1996. It was followed by **ISO 14001** in 1997 for its environmental management system and **ISO 9001** for design control of cable production in 1998. The Company has adopted the new **ISO 9000:2000** as well and regularly being assessed ever since. In early 2007 the Company acquired **OHSAS 18001** and simultaneously **SMK3** (the Indonesian version) for occupational health and safety system.

Strategic cooperation with various international manufacturers have been developed to extend the product range and to optimize the company's machines utilization.



LOW VOLTAGE POWER CABLES

LV Power Cables are rated up to 0.6/1 kV and mainly used in electric distribution at the nearest end to users' items, i.e. machineries, equipments, appliances, lightings, power outlets, etc. The conductors are copper or aluminium, solid or stranded wires, can be compacted to shape round or sectorised insulated cores. The size ranges from 1.5 up to 1,000 sq.mm per core and a cable may comprise 1 up to 4 insulated cores. Any cable protections may be applied, including construction and materials for direct burial and fire safety.



MEDIUM VOLTAGE POWER CABLES



MV Power Cables are used in MV distribution or aluminium, most insulated core. The per core and 1 or a cable. Any cable construction and m / or radial water t

SHIP WIRING CABLES



Ship Wiring Cables can be any type of cables that are specially designed for civil and military ships. The conductors are tinned-copper, solid or stranded, insulated for LV or MV rating and covered with moisture-barrier thermoplastic or rubber sheath. The cables may be armoured and sheathed with anti-rodent materials that give extra protection to ensure long-lasting and reliable functionality, as well as applying construction and materials for fire safety.

MARINE & OFFSHORE CABLES



Marine & Offshore C are designed for un industrial application fire safety protection

INSTRUMENTATION & CONTROL CABLES



- Instrumentation cables are to transfer data from sensors detectors. For transfer reliable protection against electric and disturbance are one of issues. Individually shielded and mechanical protection applied. Conductors are pl or tinned solid / stranded ranges from 0.5-1.5 sq.mm.

LEAD SHEATHED CABLES



are rated up to 18/30 (36) kV and mainly used in power distribution network. The conductors are copper or aluminum, compacted stranded to shape round or oval. Their size range from 25 up to 630 sq.mm. 1 to 3 insulated cores are laid up to assembly. Various protection layers may be applied, including lead sheath for direct burial, longitudinal and transverse tightness, anti-termite and fire safety.



Lead Sheathed Cables can be any type of cables that need protection against corrosive or aggressive chemical substances. Airtight and waterproof properties of the lead will ensure safety in hazardous environment, like in oil and gas processing plants, chemical industries, etc.

RODS & OVERHEAD CONDUCTORS



Cables can be any type of cables that need protection against corrosive or aggressive chemical substances. Airtight and waterproof properties of the lead will ensure safety in hazardous environment, like in oil and gas processing plants, chemical industries, etc.



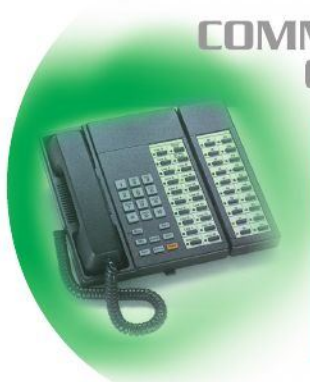
- Our Aluminium and Copper Casting plants supply for both internal and external requirement of quality rods, either for cable or other industrial use.
- Overhead Bare Conductors are used to deliver power in High or Very High Transmission Lines connecting Power Generating Plant and its Substations. The conductors are stranded aluminium or aluminium alloy, like AAC, AAAC, ACAR, ACSR, ACSR/TW, ACSR/AW, TACSR, etc.
- Overhead Insulated Conductors are designed for overhead MV distribution (AAAC/XLPE, MV ABC) or Service Drop cables (LV ABC).

COMMUNICATION CABLES

CONTROL CABLES



Control Cables are mainly used to activate equipment remotely located from the source of control or for other application like : Public Address, Alarm, Signaling, Electronic Banner, etc. They are multi-insulated-conductors in concentric or twisted-pair configuration, rated up to 1 kV with solid or stranded copper conductors 1 up to 6 sq.mm and may comprise up to 61 (concentric) or 100 (grouped-twisted pair) cores in a cable. For critical application, construction and materials for fire safety and mechanical protection may be applied.



- Communication Cables deliver 'messages' either in analog or digital electric current. For local outside-plant telephone network and indoor distribution, twisted pair or quad insulated copper conductor are widely used. The conductor diameter ranges from 0.32 to 1.0 mm, insulated by solid or foam-skin thermoplastic materials, stranded in 10 or 25 pair unit to configure up to 3600 pairs cables. We adopt IEC, BS, REA, ASTM and other well-known International Standards to comply with many National Standards of countries in Middle East, North Africa, South and East Asia, as well as South Pacific, America and Europe.



PRODUCTION PROCESS

STANDARDS

PT KMI Wire and Cable Tbk manufactures and supplies cables which are in accordance with many Indonesian Standards, like SII, SNI, SPLN, STEL-K, STEL-QA.K, Postel, as well as International Standards such as :

- IEC (International Electrotechnical Commission)
- VDE (Verband des Deutscher Electrotechniker)
- BS (British Standard)
- JIS (Japanese Industrial Standard)
- ASTM (American Society for Testing and Material)
- AS (Australian Standard)
- DIN (Deutsche Industri Norm)
- ICEA/NEMA (Insulated Cables Engineers Association/National Electrical Manufacture Association)
- Other standards as required.

SPECIAL PRODUCTS

PT KMI Wire and Cable Tbk furnishes custom designed cables for customer's specific application.

QUALITY ASSURANCE

PT KMI Wire and Cable Tbk believes that the key to keeping abreast of the competition lies in its commitment to produce only quality cables and provide only excellent service. Quality Assurance starts with involving only qualified people and when they equipped with proper facilities and well-organized quality plan, the quality of the outcomes are self-assured.

Quality Control is practiced throughout every step of the manufacturing process, beginning from laboratory testing of raw materials, in-process control, semi-finished inspections, through comprehensive tests of finished products.





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INDONESIA

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