



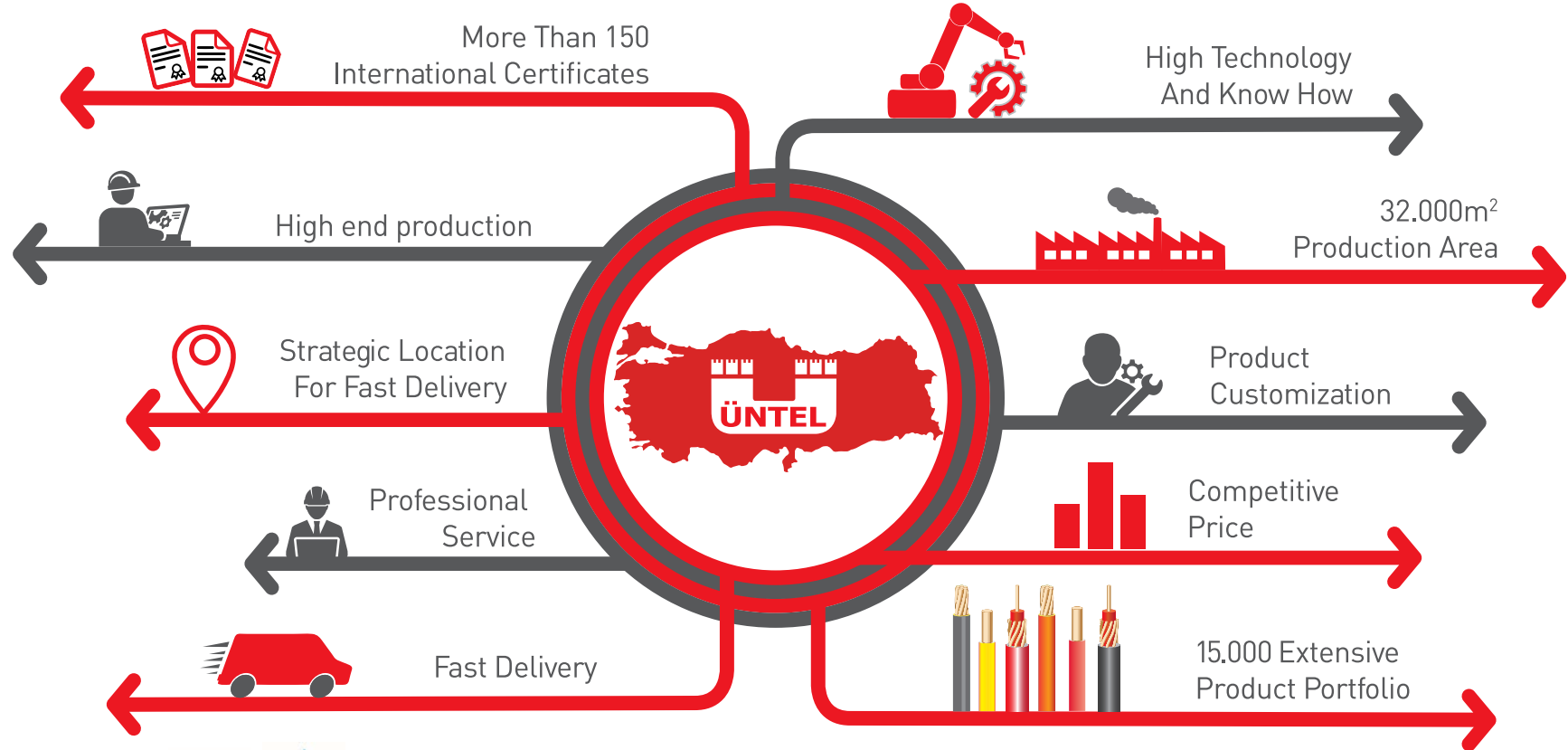
Quality Through Experience

Brief History of ÜNTEL

- ▶ Established in 1972
- ▶ Partnership of Ünlü and Günan families since then
- ▶ 43 years of manufacturing experience with an extensive production range for various sectors
(Industrial Cables, Mining Cables, Airport Cables, Railway Cables, Marine & Offshore Cables, etc...)
- ▶ Continue its production with latest technology in new factory plant at Dilovası / Kocaeli since 2009



Brief Info of ÜNTEL



Work Force

Figures

White Collar	: 43
Engineer	: 17
Blue collar	: 153
<hr/>	
Total	: 213

Average employment period is 10+ years



Production

- ▶ Latest technology in cable manufacturing with most reliable and fast machinery available.
(CV and CCV lines provide high quality and fault proof production of rubber and XLPE cables)
- ▶ High-end compound preparation technology.
- ▶ Flexible production capabilities for various products with small and large quantities.
- ▶ LV and MV cables production up to 30kV.
- ▶ Copper process capacity: 1.000 metric tons/month



Products

Types

▶ Standard products for various sectors

▶ Tailor made production for special use



Marine



Mining



Airports



Offshore&Onshore, Oil and Gas



Industrial



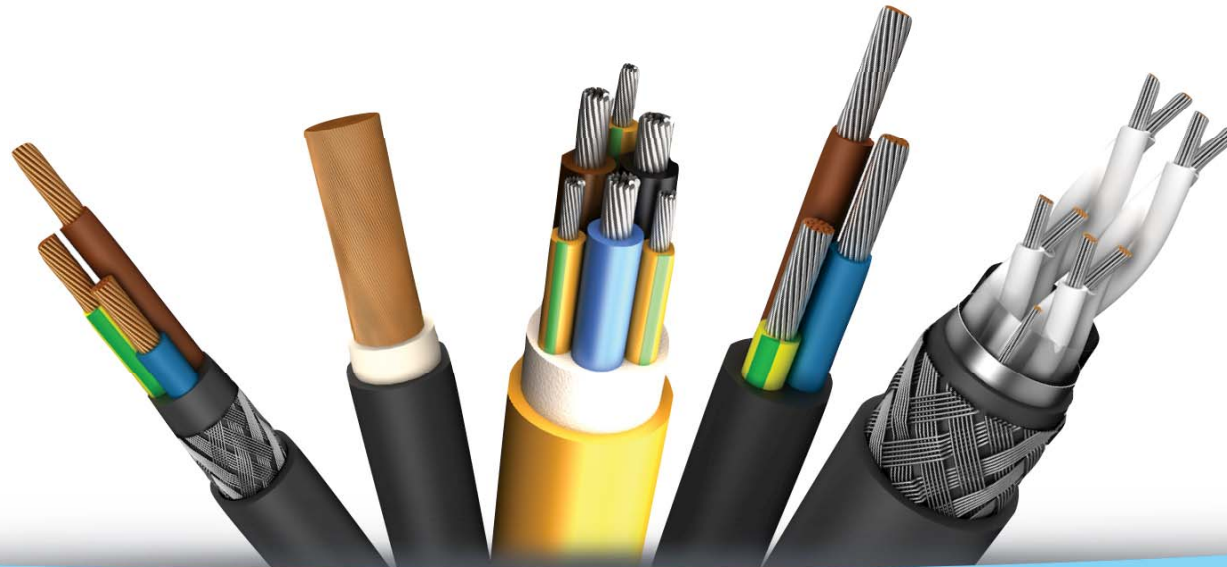
Railways

Industrial Cables



ÜNTEL produce for many years, pvc, poliuretan, rubber, polipropilene, termoplastik insulated and sheathed, with screen and braiding cables in any quantities to many different industries, to fulfill customers' requirements both for special projects and regular businesses.

- ▶ 43 years of experience in
- ▶ Many industries, like refineries, factories, power plants, special requirements for special applications
- ▶ Low MOQ
- ▶ Fast deliveries



Rubber Cables

ÜNTEL is able to produce all kinds of rubber insulated and sheathed cables in any quantities to fulfill customers' requirements both for special projects and regular businesses.

- ▶ 43 years of experience in rubber technology
- ▶ Proven perfection in quality
- ▶ Advantages of having different technologies
- ▶ Combination of power and F/O cables in one single construction
- ▶ EPR, HF EPR, HEPR, HF HEPR, EPDM, NEOPREN, SHF2, SHF MUD, EVA and many other rubber types



Crane Cables



ÜNTEL is able to produce Low and Medium Voltage (Up to 30 kV) Rubber Power Cables for Cranes, Materials Handling Equipment Machines and Deck Cranes.



Trailing and TBM Cables

ÜNTEL is able to produce Medium Voltage (Up to 30 kV) Rubber Power Cables for Tunnel Drilling Machines and for any other applications



Marine Cables

With our outstanding experience we have extended our production range with Marine Cables as well up to 20 kV.

These cables are according to below standards:

- ▶ IEC
- ▶ VG 95218
- ▶ NATO DEF. STANDARDS
- ▶ MIL SPEC CABLES.

Approvals for Marine Cables :

- ▶ CLASS NK ▶ BV
- ▶ DNV-GL ▶ RINA
- ▶ ABS ▶ RMRS / RRR
- ▶ LR ▶ TL



Offshore&Onshore, Oil and Gas



With our outstanding experience in marine and heavy duty cables we have extended our production range with Offshore Cables as well.

Standard properties:

- ▶ Halogen-free (IEC 60754/1-2)
- ▶ Low smoke density (IEC 61034/1-2, DIN EN 50268/1-2)
- ▶ Flame retardant (IEC 60332/1-3 cat. A)
- ▶ Oil resistant.

Advanced properties :

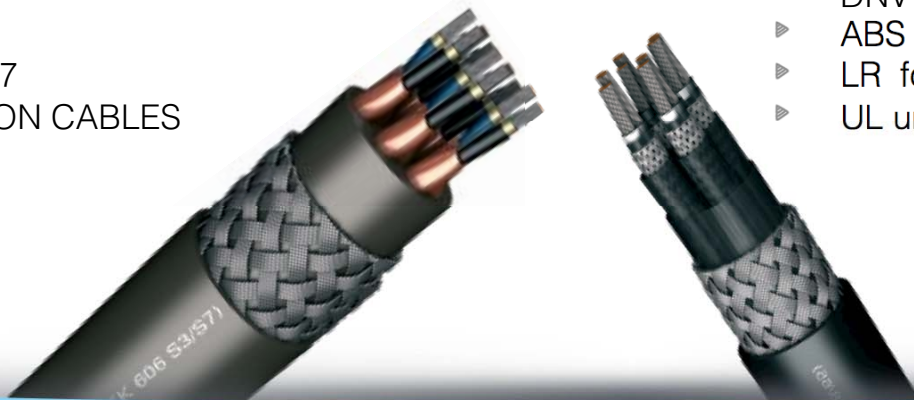
- Fire resistant (IEC 60331, NEK 606/HCF)
- Mud resistant (NEK 606)
(Mud stands for regular mixture of drilling fluid, oil, earth, additives and many other deleterious materials that may form during drilling)

Offshore cables according to the standards:

- ▶ NEK 606
- ▶ IEEE 45
- ▶ BS 6883 / BS 7917
- ▶ INSTRUMENTATION CABLES

Approvals for Offshore cables : NEK 606

- ▶ DNV for NEK606
- ▶ ABS for NEK 606
- ▶ LR for BS types
- ▶ UL under process for type P

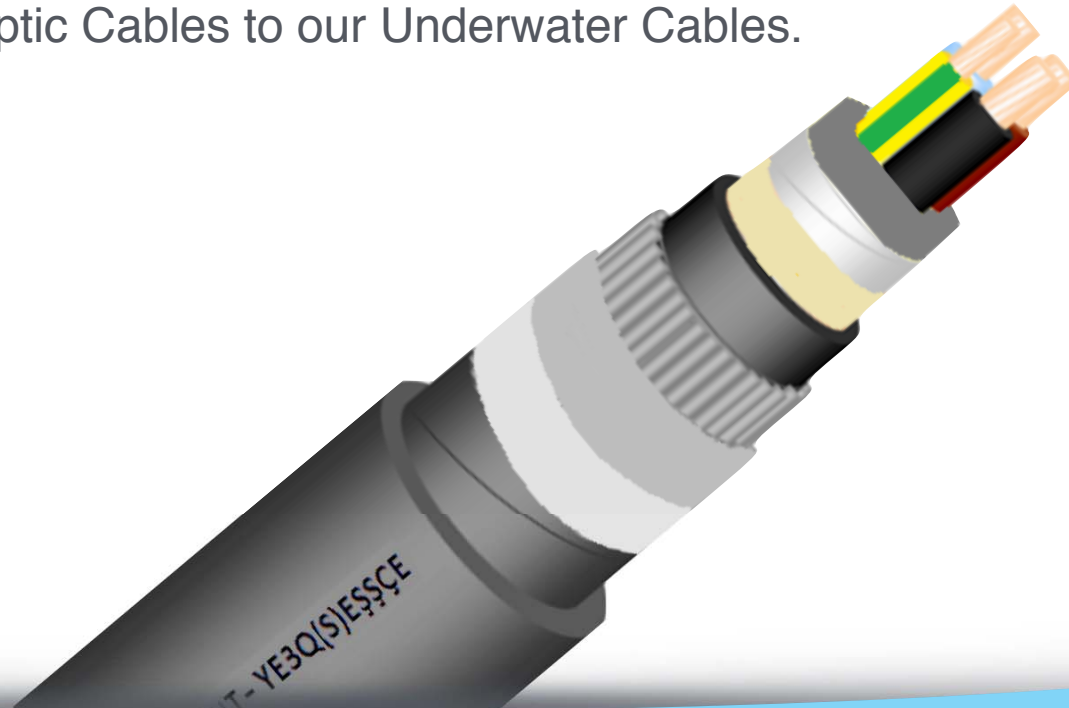


Underwater Cables



With qualified materials, high technology production plant and experience Underwater cables are also in our production range. ÜNTEL can produce these cables according to both customer demands and standards.

We can also combine Fiber Optic Cables to our Underwater Cables.



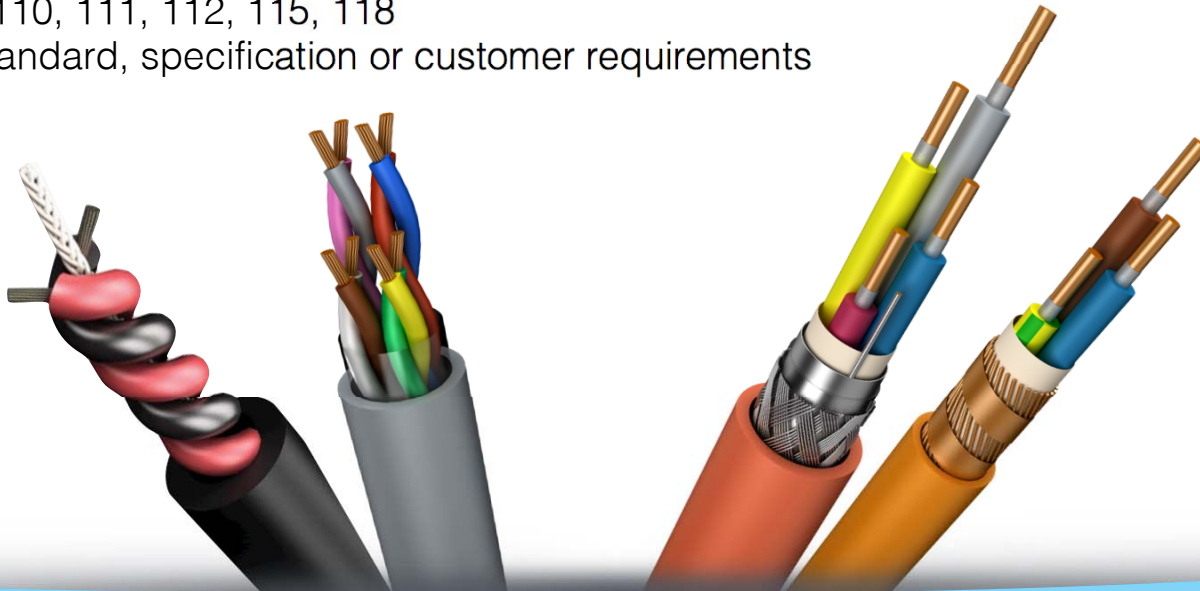
Mining Cables



We have been supplying worlds biggest mines with our Heavy-Duty Mining Cables for decades.

Mining cables according to the standards ;

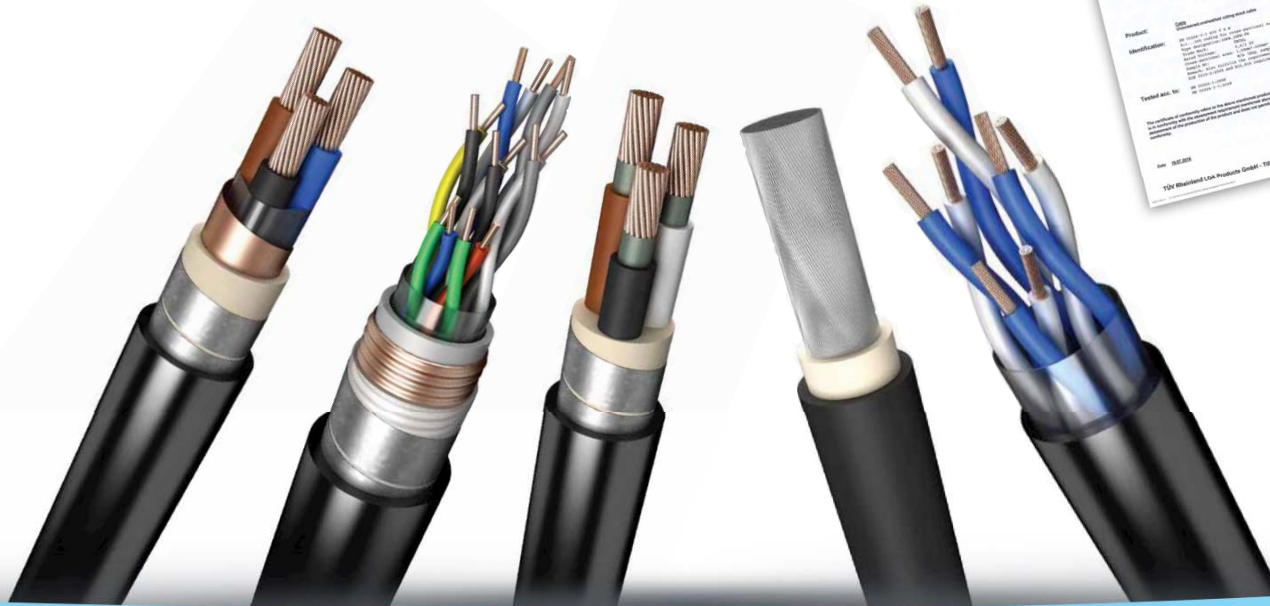
- ▶ BS 6708
- ▶ DIN VDE 0250/812, 0250/813
- ▶ AS/NZS 1802, 2802
- ▶ MGM 101, 109, 110, 111, 112, 115, 118
- ▶ And any other standard, specification or customer requirements



Railway Cables



We have been supplying cables for major Railway, Locomotive and Wagon producers like TCDD, TÜVASAŞ & TÜLOMSAŞ and NETWORK RAIL UK



Airport Cables



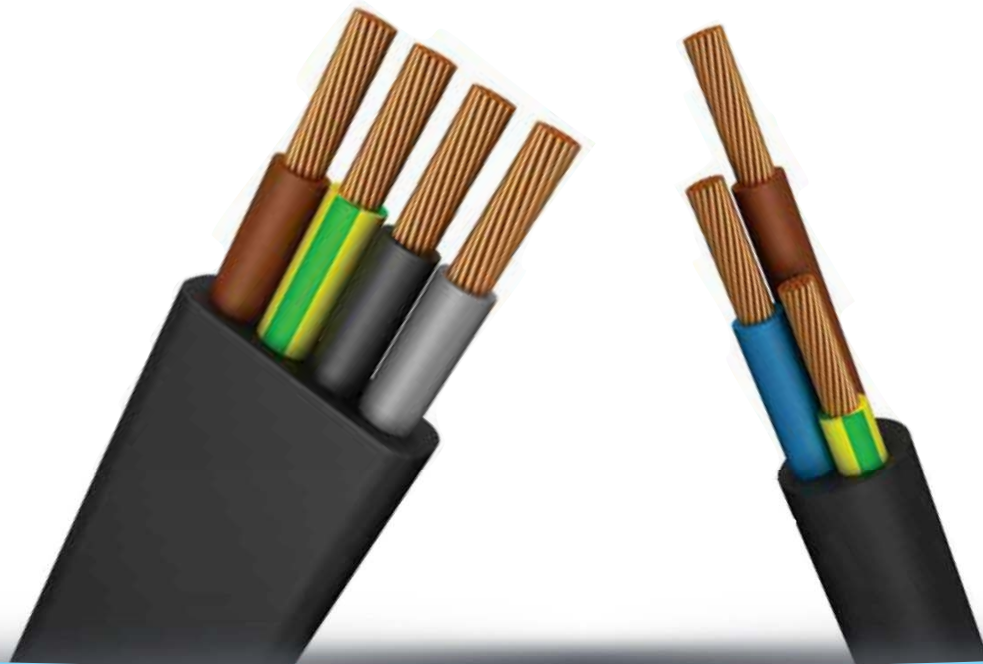
We have been supplying Primary and Secondary Airport Lighting cables for major projects and companies



GSM Technology



ÜNTEL is able to produce Flexible Rubber Cables and Halogen Free cables for GSM companies.



Market

Domestic Market

- ▶ Working directly with all major companies
- ▶ We are the market leader for certain cable types



Export Market

- ▶ 50% of sales are made to overseas
- ▶ Actively exporting over 70 countries in 5 continents



Quality

- ▶ ERP system provides full control and measurability over all processes
- ▶ Fully equipped laboratories for quality tests and R&D purposes
- ▶ Well educated and experienced technical staff
- ▶ LRQA ISO 9001:2008, TSE ISO 9001:2008, IQNet ISO 9001:2008,
- ▶ ISO 14000, OHSAS 18001
- ▶ ISO 27001
- ▶ ISO 10002 in progress
- ▶ Product approvals



Plant



CV lines



CV line extruder room



120mm Extruder Line

ÜNTEL KABLOLARI



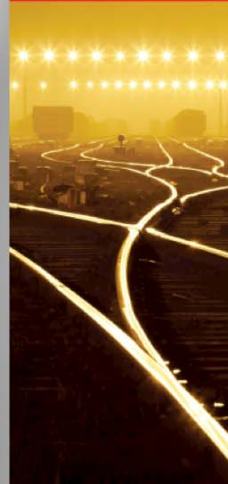
**INDUSTRIAL
CABLES**



**MINING
CABLES**



**OFFSHORE
CABLES**



**RAILWAY
CABLES**



**AIRPORT
CABLES**



**MARINE
CABLES**

Thank You