



# ÜNTEL KABLOLARI

Quality Through Experience



Üntel provides power, control and instrumentation cables, available from 250 V to 36 kV ratings, to wide a range of industrial sectors, including refineries, plants, factories and processing facilities; for use in automation, process control, monitoring and signalling applications.

Within these harsh environments, cables get continuously flexed, bent, mechanically stressed, and exposed to oil, fire, UV, acid and some chemicals; with welding machines, submersible pumps, GSM infrastructures and other industrial equipment.

To ensure our cables withstand these environments, we operate an in-house compounding facility, to produce our special sheathing and jacket compounds, manufactured according to international standards.

## INDUSTRIAL & RUBBER CABLES



Our portfolio of instrumentation cables for manufacturing and processing operations, comply with EN and BS standards and are available in overall, collective and individually screened core variants. We can also supply our cables with either galvanised steel or aluminium wire armour.

We always evaluate the diverse requirements and expectations of our customers, providing effective cable manufacturing solutions with one hundred percent satisfaction and qualified production principles.

With the availability of low minimum order quantities, fast manufacturing lead times, and bespoke production, we are the perfect choice for your project.



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Üntel is a leading manufacturer of marine cables, receiving our first marine certification in 1994. We have supplied shipboard cables to almost every shipyard in Turkey, as well as prestigious projects globally.

We manufacture various types of cables, up to medium voltage rating, and hold certification from leading classification organisations such as DNV-GL, ABS, RINA, LR, BV, ClassNK, RMRS and TL.

Üntel's LSZH cables meets the high requirements of onboard ship safety. They have improved characteristics to reduce the amount of toxic and corrosive gases emitted during combustion, eliminating secondary damage to the control, communication and power systems. Also they are UV resistant and are available with Asbestos Free Declaration of Conformity

Our Marine cables are easy to install and to minimise diameter and weight, we have sector-shaped conductors with Class 5 flexible copper available, for larger cross-section cables.

## MARINE CABLES

Our unique position and reputation as a manufacturer of marine cables, gives us a competitive advantage, with faster lead times, while retaining quality always.



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Üntel is one of the largest manufacturers of offshore power, distribution, control and instrumentation cables for oil rigs, platforms, FPSOs, FSOs, and onshore petrochemical plants, globally.

A wide range of LSZH, low and medium voltage cables are available, manufactured according to BS 6883, BS 7917, NEK 606 and IEEE 1580 TYPE P specifications.

Our LSZH cables are resistant to heat, corrosive gases, humidity, oil, vibration, corrosion, mud, and harsh environments; ensuring fire safety, easy installation and reliability.

With type approvals from organisations such as DNV-GL, ABS, LR and UL, and our history of supplying cables to the offshore industry, we ensure quality cable products, with competitive prices and lead times.

We have supplied power, control and earthing cables to prestigious projects, such as the West Diyarbekir Drilling Platform; Block 1 Maghtmguly Collector Riser and Drilling Platform; and the Margham Gas Plant, Field & Storage Project (New Inlet Gas Compressor) operated by Dubai Petroleum Establishment and the Dubai Supply Authority.



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## OFFSHORE CABLES

We can also manufacture subsea and renewable energy cables with special water blocking, armouring and fiber materials.







Mining cables are continuously exposed to harsh conditions and are very important for the security of mining operations. These cables need to be resistant chemicals, gases and rodents.

Our registered brand of "Supremeflex" mining cables are used for tunnelling projects, tunnel boring machinery (TBM), drilling rigs, pumps, conveyors, track equipment, power equipment and signalling in mines, and are available with various types of armouring.

We hold mining cable certifications from VDE, EAC and TSE and can manufacture our products according to MGM, BS 6708, AS/NZS, SANS and DIN VDE specifications.

Üntel produces MV mining cables having insulations with easily strippable semi-conductives. Our cables are easy to prepare and install, with easy pulling and come with marking for easy identification on application.

## MINING CABLES

Individual and bespoke design requirements for fiber optic solutions to achieve higher safety and reliable communications in surface and subsurface mining are also available upon request.



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Üntel is a registered supplier of power and signalling cables to Network Rail UK, TÜVASAŞ, TÜLOMSAŞ and Siemens Rail Turkey.

Applications for our cables include railway infrastructure projects, locomotives, rolling stock, railway transportation, high-speed trains, passenger-carrying and mass transport.



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## RAILWAY CABLES

We can manufacture our cables according to TCDD specifications, in a range of conductor sizes, with armoured, EMC shielding, flame retardant, self-extinguishing and rodent resistant variations available. 3 GKW and 4 GKW rolling stock cables with TÜV approval, with a variety of shielding options, are also available.

Our range of signalling cables are available as type A1 to A3; B1 to B3; C1 to C3; D1; D2; E1 and E2 for trackside signalling and remote systems (under the railway infrastructure) and feature low reduction factor screening.



Üntel has supplied Airport Ground Lighting cables to some of the most prestigious airport projects globally, working with companies such as ADB Safegate, Honeywell and Airsafe.

One of our most memorable projects was supplying cables for İstanbul New Airport, which on completion, will be the largest in the world.

We manufacture rubber, LSZH and PVC cables according to MAK Aerodrome, FAA, LR-UNE, DHMi and military specifications, with CPR compliant cable alternatives available.

We supply both primary and secondary power cables, which are available screened or unscreened, with either tinned copper braiding, or with copper or brass tape. All sizes are available as AWG and metric.



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## AIRPORT CABLES

400Hz Aircraft Power Cables for use with mobile and stationary equipment are also available upon request.





Crane cables require high flexibility and travel speeds for applications, such as electrical reels, STS', RMG's, RTG's, overhead cranes, cable chains and festoon systems.

They need to be able to withstand atmospheric and harsh outdoor working conditions, such as high tensile loads, mechanical stress, torsional stress and frequent bending, with exposure to oil and some chemicals.

Typically used in ports, shipyards and factories, with portable appliances, cranes and carrying systems, the quality of these cables make them highly reliable, resulting in long-term usage.

Üntel's crane cables are VDE certified and have been supplied to leading crane equipment manufacturers globally.

Our range of power and control cables have protective textiles, yarns and jackets, which are available in both flat and round specifications, and are rated up to medium voltage.

Power and control cable alternatives are available with singlemode and multimode fiber optic composites, for data and signal transmission.

## CRANE CABLES

A full range of pendant cables is also available for hanging applications. With low minimum order quantities, fast manufacturing lead times, and the availability of bespoke production, we are the perfect choice for your project.



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Üntel has supplied defense cables to military vehicles, ships and air bases for many years, working alongside leading defense organisations such as Aselsan and Havelsan.

We can manufacture navy cables, airport and heliport ground lighting cables according to military specifications.

We also provide a range of cables that meet the requirements of a variety of ground vehicle applications.

Our defense cables can be used with stationary and movable appliances and are resistant to atmospheric and harsh outdoor conditions.

Today, our navy cables are certified by the German Military for VG 95218 part 60, 61, 63 and 66 for power and telecommunication applications.

## DEFENSE CABLES

A wide range of AWG cable conductor sizes are available, and we can provide third-party inspections upon request.



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