

# APS<sup>®</sup>

HIGH TECHNOLOGY CABLES  
& CONNECTIVITY SOLUTIONS

**Wires and Cables**

## 15 years of experience

APS supplies standard and special copper and fiber optic cables based on its 15 years of experience in the sector, 8 of which in designing and manufacturing.

Since 2005 the structured commercial organization of APS operates on the most demanding sectors in Scandinavia and Baltics, in strict collaboration with the staff at the partner factories and with the right expertise on standard and tailor made cables.

Along the years APS and its partners have answered successfully to the calls for a dynamic, technologically advanced structure capable of developing, manufacturing and guaranteeing the quality of wires and cables for the most diverse applications.

Nowadays APS delivers its cables to PTT and carriers, system engineering companies, diverse industries, distributors and wholesalers, OEM and assembly manufacturers.

APS offers mainly cover the following applications:

- Telecommunication and data transmission
- Fiber Optic systems
- Railways rolling stock and signalling
- Shipboard
- On- & Offshore
- Instrumentation and measurement
- Control and signalling
- Sensoring and detection
- Low Voltage power transmission
- Audio and Video
- Automotive
- Fire Resistant
- Home and Industrial electrical appliances
- Automotive
- Industrial Automation & Robotics
- Defense
- Green Energy (Wind and Solar)

Contact us for your standard and special requirements. We will have the right cable solution to your needs.



## Standard and Custom made cables

<b>Copper conductors</b>	Solid or stranded copper (bare, tinned, silvered, nickel plated), aluminium, copper clad aluminium and nickel wires.
<b>Insulation materials</b>	PVC, PE, XLPE, PA, LSZH-FR, TPE, PP, FEP, PTFE, ETFE, EVA, NFA, thermoplastic and silicon rubbers. Fire Retardant and Fire Resistant materials.
<b>Fiber optic</b>	Plastic and Glass optical fibre. Loose, tight, semitight and steel tube construction.
<b>Assembling (Copper)</b>	Multicores, twisted pairs, triples, quads.
<b>Assembling (Fiber)</b>	Monotube, multi tube, Multitight minibreakout and breakout design.
<b>Assembling (Hybrid)</b>	Copper and fiber optic elements, metal tubes, plastic hoses up to high pressure. Fillers, pulling and reinforcing elements.
<b>Screening</b>	Individual and overall screening by Alu/PE, soft-magnetic nickel-iron alloys , copper foil, braid and wrap. EMC screening and semi-conductive layers.
<b>Armouring</b>	Metal armouring by aluminium tape, aluminium and steel round and flat wires or tapes. Dielectric armouring by glass, aramide, vectran and thermoplastic materials.
<b>Water tight filling</b>	jelly filled or dry core.
<b>Internal and external sheaths</b>	PVC, PE, XLPE, PP, LSZH-FR, PA, TPE, EVA, ETFE, PTFE, PFA, FEP, PUR, MUD Resistant (static and dynamic use), thermoplastic and silicon rubbers.
<b>Temperature range</b>	From -190 to +1400 °C
<b>Voltage</b>	Up to 30 kV
<b>Aerial installation</b>	Figure-8 and round shaped, ADSS, metal and dielectric supporting elements.
<b>Underwater installation</b>	Watertight or non-watertight, resistant to high pressure and depth.
<b>Fire performances</b>	Fire Resistant up to IEC60331- 21 / Fire Retardant up to IEC60332.3-22

## Cables for all applications

### Telecommunication & Data

Cables for the exchange & switch  
Cables for High Frequency transmission  
Wires & cables for cross connections  
Cables for outside plant  
Fiber Optic cables  
Wires & cables for private networks

Local Area Network cables  
Heavy Duty Data Cables  
BUS Field Cables  
Structured Cabling Solutions  
Pre-terminated copper cables  
Pre-terminated fiber cables



### Transportation

Cables for Railways & Subways  
Cables for High Speed Trains  
Cables for Rolling Stock  
Shipboard cables (Lloyds, DNV, RINA)

Cables for Harbors & terminals  
Automotive cables  
Custom cables



### On- and Offshore

Instrumentation cables  
Control cables  
Fire Resistant cables  
Deck and High-Lift Cables  
Submarine cables

Cables for Geo-seismic  
Cables for Seabed explorations  
Submersible camera cables  
Cables for underwater pumps  
Composite cables



### Marine Technologies

Underwater cables  
Cables for seismic systems  
Cables for sea explorations  
Submersible camera cables  
ROV cables  
Floating and Neutrally Buoyant cables

Chlorine resistant cables  
Cables for Underwater pumps  
Cables for fish farms  
Hybrid cables  
Towing cables  
Harnesses, custom made



### Automation & Robotics

UL CSA Oil-safe cables for Static use  
UL CSA Oil-safe cables for Dynamic use  
Servomotor cables  
Power, Control and Data cables  
BUS Field cables

UL CSA Flexible cables for Chains  
UL CSA Flexible cables for Robots  
Encoder, Resolver, PLC cables  
BUS Field cables for Robotics

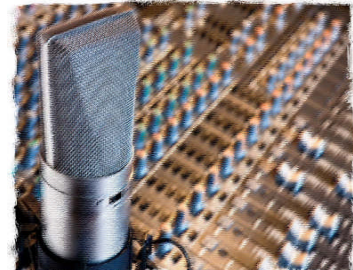


## Cables for all applications

### Audio & Video

Cables for Analogue and Digital  
DMX cables  
Coaxial cables  
Triaxial camera cables  
AES/EBU Digital Audio cables  
Data & signal cables

Hybrid cables  
Microphone cables  
Fiber Optic cables  
Light Power cables  
Composite camera cables  
Custom cables



### Electronics

Cables for Data Transmission  
Cables for Informatics  
Cables for Process Controls  
Sensor and detector cables

Cables for geology  
Coaxials and triaxial Cables  
Custom cables



### Defense

Cables for Firing Systems  
Cables for Telecommunications  
Data & Radio Transmission Cables  
Hybrid Cables

Control Cables  
Fiber Optic Cables



### Healthcare

UL/CSA wires & cables  
Cables for tomography equipment  
Cables for X-Ray equipment  
Cables for Dental equipment  
Flat cables

Cables for Dynamic application  
Cables for Diagnostics  
Custom cables



### Electrical

Harmonized wires & cables  
Alarm cables  
Cables for Electromechanical sector  
Rubber wires & cables for Low Voltage

Cables for High Temperature  
Cables for welding machines  
Silicone cables



A Committed Company



The reason why we say that we are the right choice is our outstanding commitment.

APS and its partners are committed to their Customers, to their Engagements, to the respect of the Environment. In our factories and offices, our every working day and long-term visions are based on such commitments.

We aim at exceeding our Customers' expectations through excellent products and services and continuous improvement.

We always want to keep our words and promises to our Customers, Suppliers and Personnel.

We invite you to join us. Discover how we manage our Commitments and how we serve our Customers worldwide.

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**Reseller :**