



MILITARY, AEROSPACE & DEFENCE CABLES

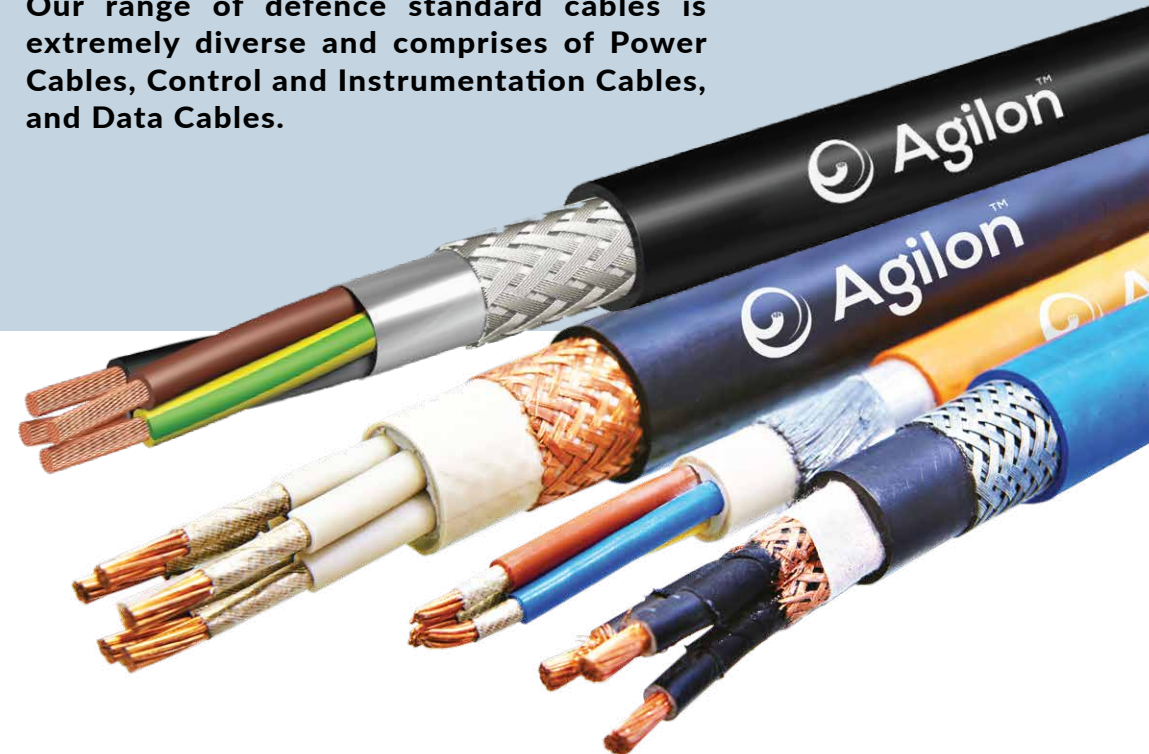
The Government has taken several policy initiatives in the past few years under 'Make in India' program and brought in reforms to encourage indigenous design, development and manufacturing of defence equipments in the country, thereby reducing imports of defence equipments & supplies.

Agilon is focusing on development & indigenization of various types of Defence / Military Wires & Cables for India & abroad.

Agilon manufactures a wide range of cables & wires for mission-critical applications for defence industry, ranging from the supply of power to fixed and temporary ground operations and installations, to control systems on ships and aircrafts.

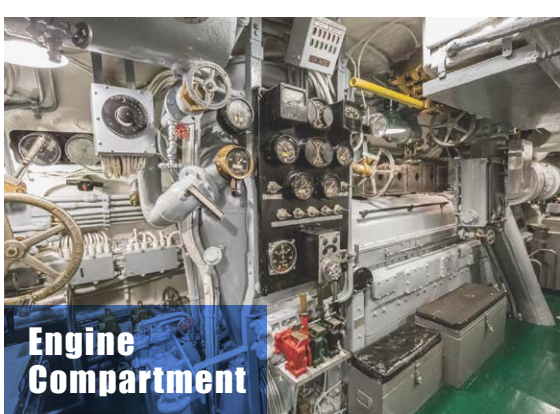
In a sector where operational reliability is of national importance, our cables are designed to withstand the severe environments in which they are deployed.

Our range of defence standard cables is extremely diverse and comprises of Power Cables, Control and Instrumentation Cables, and Data Cables.





Ground & Radar



**Engine
Compartment**

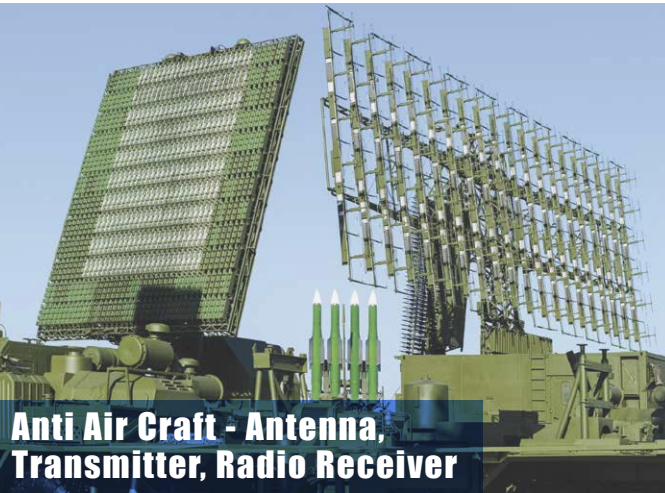


**Aerospace &
Missiles**



Drones

APPLICATIONS



**Anti Air Craft - Antenna,
Transmitter, Radio Receiver**



**Reactor
Compartment**



**Space
Vehicle**



**Communication
Cables**



Satellite



**Surface Ships
& Submarines**





RANGE / TYPE

Agilon Defence Cables are reliable to perform in the most demanding environment: extreme temperatures, exposure to flame, and resistance to chemicals, cut, crush, impact, abrasion and water.

**AIRFRAME
CABLES**

**INTERCONNECT
CABLES**

**LIGHT WEIGHT
AEROSPACE**

**COMMUNICATION
CABLES**

**EQUIPMENT
WIRES**

**FIRE RESISTANT
CABLES**

**MISSILE
CABLES**

**SHIPBOARD
CABLES**

**MULTICORE
CABLES**

**CUSTOMIZED
COMPOSITE
CABLES**

**MIL SPECS.
CABLES**

**INSTRUMENTATION
CABLES**

**HIGH
TEMPERATURE
CABLES**

**SUPERFLEX
POWER
CABLES**

**RETRACTABLE
COIL CORDS**

**DATA BUS
CABLES**



OPTIONS

Conductor Sizes:

0.05 to 400 Sq.mm

Material:

Bare Copper, Tinned Plated Copper, Nickel Plated Copper, Silver Plated Copper, Specialty Alloys, Thermocouple, Precious Metals

Insulation:

PVC, PE, PP, Foam PE, TPE, XLPE, XLPO, EPR, FRLSH, LSZH, ETFE, Silicone, FEP, PFA.

Outer Sheath:

XLPO, TPE, TPU, PCP, CSP, Neoprene, EPDM, FRLSH, LSZH, ETFE, Silicone, FEP, PFA, and many proprietary blends

Shielding:

- Double Shielded
- Flat Shields
- Metal Braid
- Tape Shields
- Metal Serves
- Textile Braids

Water Blocking Tape can also be provided if required.





STANDARDS / COMPLIANCE

- **ABS / DNV / VDE / Lloyd Register**
- **EED - 50 - 12** - Thin Walled, Insulated, Electron Beam Cross-Linked Irradiated Electric Cables
- **EED - 50 - 13** - Fire Survival, High Temperature Zone, Fire Retardant Halogen Free Sheathed Electron Beam Cross-Linked Irradiated Cables.
- **VG 952 18 Part 61 - 66** - Power Navy Cables, Light Power Navy Cables, Telecommunication Navy Cables, Light Telecommunication Navy Cables
- **DEF STAN - 02 - 526 (NES 526)** - Power Cables, EPR insulated, LFH Elastomeric Sheathed Singlecore and Multicore cables.
- **DEF STAN - 02 - 527 (NES 527)** - Cables for Electric Fire Survival, High Temperature Zone and Limited Fire Hazard Sheathed.
- **IEC 60092 - 350, 353, 360 & 376** - Power, Control, Instrumentation & Fire Survival Cables for Marine & Offshore Industry.
- **Mil Specification** - There is a Wide Variety of Different Types of Mil-Specs Wires.





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WITHSTANDING SEVERE ENVIRONMENTS