



## Pressure Tight (PT) Cables

Power, Control & Signal Cables, Halogen Free and Flame Retardant, Fire Survival with low smoke generation and low toxic properties of insulation & sheath. These cables are suitable and designed to withstand radial and axial pressure up to 10 to 72 bar pressure.

<b>Specification</b>	: EED 57-03 & EED 57-04
<b>Construction</b>	: Single Core, Multi Core, Multi Pair, Unscreened, Individually Screened & Collectively Screened
<b>Voltage Grade</b>	: 600 V AC to 1000 V AC
<b>Conductor</b>	: Circular electrolytic bare copper (Class 2)
<b>Temperature Range</b>	: -30° C to +120° C
<b>Insulation</b>	: Special halogen free and fire retardant with low smoke generation and low toxic properties with E-beam curing process
<b>Screening</b>	: Annealed tinned copper braid
<b>Outer Sheath</b>	: Special halogen free and fire retardant with low smoke generation and low toxic properties with E-beam curing process
<b>Water Blocking Compound/Tape</b>	: Provided to withstand pressure requirement
<b>Application</b>	: Used in Submarines for Power, Control, Lighting and Communication and Instrumentation circuits

## UL/CSA Listed High Temperature Aerospace & Missile Wires & Cables

High Temperature Cables are used in areas where both working temperature and ambient temperatures are too high. They are made with a wide range of conductors, insulating materials and screening materials depending on the temperatures and conditions under which the cable has to perform.

<b>Construction</b>	: Single Core high temperature hook-up wires & Multi Core / Multi Pair, Screened / Unscreened and Armoured / Braided Cables
<b>Voltage Grade</b>	: 250 V AC, 600 V AC & 1000 V AC (Rating as per MIL-16878, VDE, DIN, ANSI)
<b>Insulation Materials</b>	: PTFE / FEP / PFA / PEEK / ETFE / XL-ETFE / Silicone Rubber / Varnished Fibre Glass Braid

Electron Beam Cross Linked ETFE (XL-ETFE), a type of Thermoset Insulation, provides excellent fluid / oil / moisture resistance also creates increased stability at higher temperatures. Wires and Cables conforming to MIL-W-22759/32-35 & 41-46 and MIL-STD-2223.