



Marine / Shipboard Cables

DEF STAN 02-526 (NES 526) and DEF STAN 02-527 (NES 527)

For use on onboard surface ships, submarines and crafts for power, control, lighting and communication and instrumentation circuits with or without fire survival characteristics.

Construction	: Single Core, Multi Core, Multi Pair & Triad, Unscreened or Individually Screened or Collectively Screened, Limited Fire Hazardous Sheathed Cables
Voltage Grade	: 440 V AC
Conductor	: Circular Electroplated, Annealed Tinned Copper
Temperature Range	: - 30° C to + 105° C
Insulation	: Dual layer of Gp5 and LFH Material / Silicone Rubber
Screening	: Annealed Tinned Copper Braid
Outer Sheath	: LFH Elastomeric Compound
Protective Barrier	: Glass Braid/Lacquer, Mica Glass Tape to meet the fire performance applicable for DEF STAN 02-527 (NES 527)

IEC 60092-350, 353, 360 & 376, BS-6883, BS-7917

Construction	: Single Core, Multi Core, Single, Multi Pair, Multi Triad and Quad Screened & Unscreened, Armoured & Unarmoured
Voltage Grade	: 150 V / 250 V and 600 V / 1000 V AC
Conductor	: Electroplated Annealed Bare / Tinned Copper of various classes
Temperature Range	: -15° C to 95° C
Insulation	: XLPE / EPR / HEPR, HF 90 / S 95
Screening	: Al-Mylar Tape along with Drain Wire / ABC or ATC Braiding
Inner Sheath	: SHF1 / SHF2 / SH / SF
Outer Sheath	: SHF1 / SHF2 / SH / SF
Braid Armouring	: Bare Copper / Tinned Copper / GI Wire Braid with >90% coverage MIL W-22759 / 32-35 & 41-46 and MIL STD-2223