

# **SOLAR CABLES (DC)**

**WITH E-BEAM IRRADIATION TECHNOLOGY**

**APAR MANUFACTURERS AND MARKETS THE MOST  
COMPREHENSIVE RANGE OF CABLES IN INDIA.**

APAR is India's Leading Manufacturer of solar DC cables.

APAR introduced a range of solar cables for emerging PV-based renewable energy installations backed by 30 years of experience in the manufacture of elastomeric insulated cables.

We have installed the largest number of electron beam irradiation facilities dedicated to cables manufacture in India. We use 1.5 MeV, 2.5 MeV and 3 MeV accelerators to cross-link elastomeric insulation and sheath of solar DC cables.



## THE APAR ADVANTAGE

- International certification of the highest standards as per BS EN 50618, TUV 2007 & 2012, IEC 62930:2017 & UL 4703.
- High Di-electric strength, Flame Retardant; Oil and Chemical resistant, abrasion and crack resistant; Good cold flexibility, Compatible to all popular connectors; ROHS compliant.
- 2.5 to 300 sq.mm Cables powered by Electron Beam Cross-Linking technology
- Electron Beam Irradiated LT XLPE cables suitable up to 120°C operating Temperature. These cables offer 15% extra current rating over conventional cables.
- Annealed Tinned Flexible copper conductor, Electron Beam Cross-Linked Polyolefin (XLPO) Insulation and Sheath having UV & Ozone protection properties and life span of more than 25 Years.
- Rated 1.8 kV DC operation. Cables are halogen free and can operate up to 120°C rated 1.5kV (Max 1.8 kV)
- Flexible Aluminium conductor for Solar AC and DC cables.
- Aluminium Cables with Steel tape/ Flat strip/ Round Wire armouring for Combiner Box to Inverter.
- Solar PV cables with Rodent resistant feature.
- Nylon Jacketed Cables as per AS/NZ specs also available for Rodent Protection.



# ABOUT US

APAR Industries Limited is a billion-dollar company that holds a leadership position in its principal business segments:

CABLES



SPECIALITY OILS



LUBRICANTS



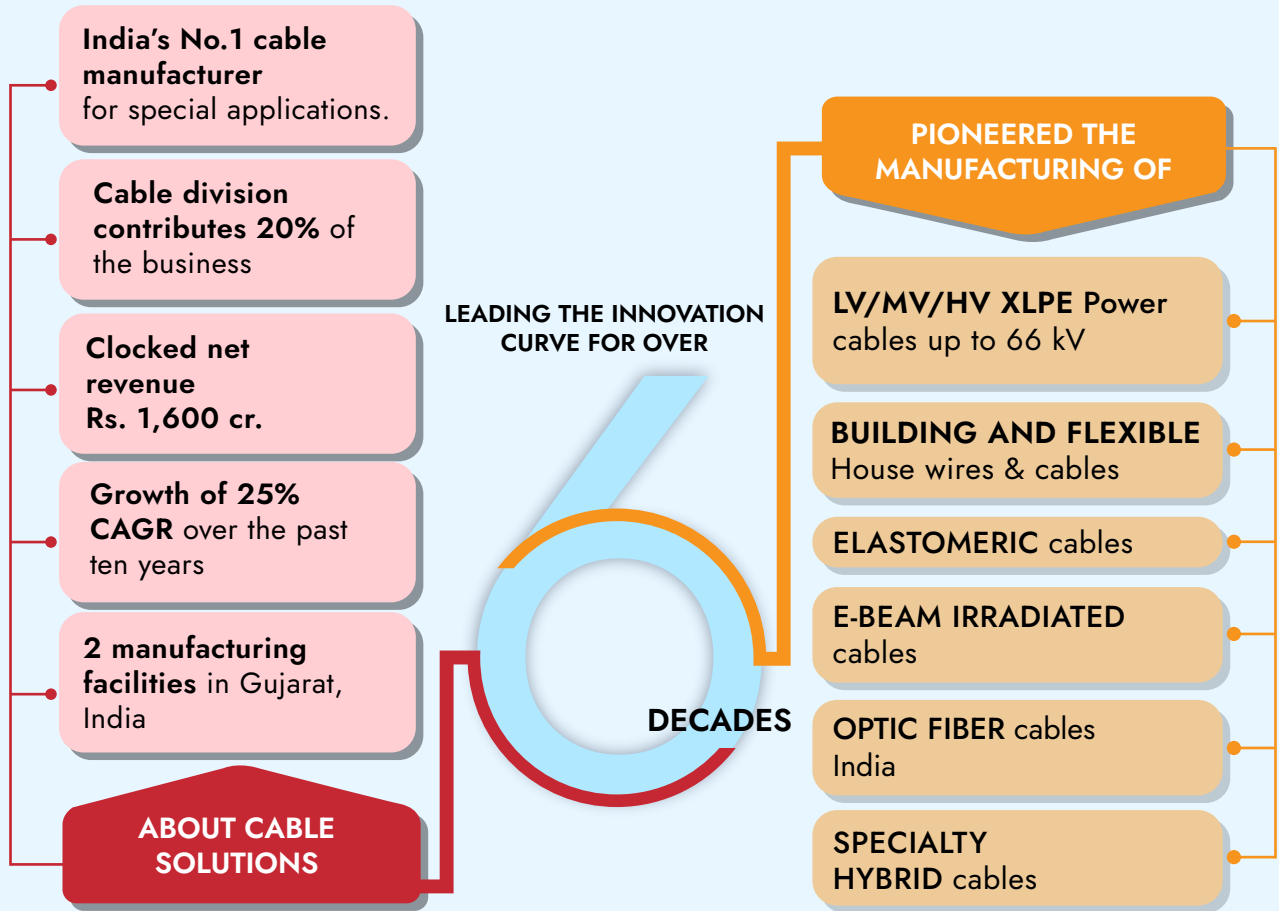
SPECIALITY AUTOMOTIVE



POLYMERS



CONDUCTORS



TRUSTED BY MAJOR OEMS, UTILITIES, POWER GENERATION, TRANSMISSION & DISTRIBUTION COMPANIES GLOBALLY

Learn more: [APAR elastomer e-beam cables](#)

Contact us : [ldc.sales@apar.com](mailto:ldc.sales@apar.com) | +91 9619153413