



## SOLAR / WIND ENERGY CABLES & ELECTRON BEAM IRRADIATION FACILITY



### Solar / Wind Energy Cables

**TUV 2 pfg-1169/08.2007 CERTIFIED**

Rated for 1.8 KV DC operation  
Annealed Tinned Flexible Copper, XLPO Insulation & Sheath  
Electron Beam Irradiation Cross-Linking for Insulation & Sheath  
Zero Halogen Low Smoke Properties  
Ultra Violet Rays & Ozone resistant  
Cables have 25 years of life  
Cables can be offered Rodent proof  
Aluminium & Copper Clad Aluminium also available.

### WIND POWER CABLES FOR WINDMILLS

Largest supplier of Wind Mill Cables In India  
From Low Voltage 1.1 KV Up to 33 KV Grade, EPR Insulated  
High Flexibility PCP, CSP, FRLS Jacket options  
Designed to withstand High Torsion conditions  
UV, OZONE and Fire Performance  
Electron Beam Irradiated cables also available



### Electron Beam Irradiation Facility

#### Technology

An Electron Gun is housed in a thick vessel where electrons are accelerated in an acceleration tube and are directed to a scanning device magnetically to scan.  
The Cables are passed under the beam thru set of under-beam equipments

#### Benefits

Superior cross linking of polymers  
Superior Thermal & Mechanical properties

#### Overview

2 Electron Beams: 1.5 MeV and 3.0 MeV to cover wide range of cables and handling system  
Under Beam handling system for several other products viz. PTFE Powder, Foam PE sheets, Heat Shrink Tubes & Moulded parts, PE Pipes, Packaging sheets etc.

## APAR INDUSTRIES LTD. ( UNIT: UNIFLEX CABLES )

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