

World leading

**ABB's power cable world records
and milestones**



ABB

ABB - Leading in cable technology and innovation

Did you know that ABB delivered the world's first:

- 1870 fuse wires for Alfred Nobel's dynamite
- 1952 400 kV AC cable, LPOF
Harsprånget Sweden, vertical installation
- 1954 100 kV DC cable, MIND
Gotland-Swedish mainland, 100 km
- 1973 extruded submarine cable, XLPE
84 kV, Sweden-Åland, 3 x 55 km
- 1973 420 kV AC submarine cable, LPOF
Öresund Cable, Denmark-Sweden 4 x 8,5 km
- 1978 220 kV AC underground cable, XLPE
Libya
- 1989 400 kV DC submarine cable, MIND
Fennoskan, Finland-Sweden, 200 km
- 1994 450 kV DC submarine cable, MIND
Baltic Cable, Germany-Sweden, 250 km
- 1998 extruded underground DC cable, HVDC Light
80 kV, Gotlight, Sweden, 2x70 km
- 2002 extruded submarine DC cable, HVDC Light
150 kV, Cross Sound, U.S, 2 x 42 km

and the world's longest:

- 2002 extruded underground DC cable, HVDC Light
150 kV, Murraylink, Australia 2 x 180 km
- 2006 extruded submarine DC cable in one length, HVDC Light
150 kV, Estlink, Estonia-Finland 2 x 75 km
- 2008 submarine cable, 450 kV DC, MIND
NorNed, Norway-The Netherlands, 2 x 580 km

and one of the world's largest and heaviest:

- 2003 three-core AC submarine cable, XLPE
115 kV, Abu Safah Oilfield, Saudi Arabia, 50 km

and will deliver the world's longest:

- 2009 dynamic and static power cable to a floating installation
three-core AC submarine cable, XLPE
115 kV, Gjøa Oil Platform, Norway, 98 km

and last but not least - a milestone in our XLPE cable development:

- 1992 a successful type test of our 420 kV cable system at STRI,
Sweden







ABB's high voltage cable unit in Sweden

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