

The World's Highest-Performance Electrical Cable to Support Power Demand

Registration No.	Number 00182		
Registration Date	September 2, 2014	Registration Category	Category 1

Name (Model, etc.)	500kV 1 x 2500mm ² XLPE insulated cable
Location	Ichihara City, Chiba
	Furukawa Electric Co., Ltd.
Owner (Custodian)	Furukawa Electric Co., Ltd.
Manufacturer (Company)	Furukawa Electric Co., Ltd.
Year Manufactured	1996-1999
Year first appeared	1996
Reason For Selection	The world's first application of a cross-linked polyethylene insulated cable, laid in a 500kV transmission line linking around 40km between the Shin Keiyo Substation in Chiba and the Shin-Toyosu Substation in the urban seaside area of Tokyo with the anticipation of a future increase in power demand. The applicaiton of newly-developed super clean insulating materials and other technology make cable diameter smaller.
Registration Standard	1 - B(Show a uniquely Japanese scientific or technological development from an international perspective.)

Open/Closed to Public	Closed to Public
Photo	
Other useful information	