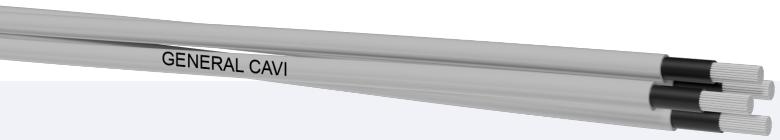
FOR ITALIAN MARKET

ARE4E4X 0,6/1kV

CAVI PER LINEE AEREE SPECIFICHE DC ENEL 4183 - 4908

Model Product: 288 - 20161020



CE

Aluminium rigid compact conductor, class 2.
XLPE Insulation quality DIX3
Crosslinked polyethylene protective sheath.

STANDARDS

ENEL DC 4183 - 4908 HD 626 pqa CEI 20-58 pqa

Accordingly to the standards BT 2014/35/UE- 2011/65/EU (RoHS 2)

CABLES SUITABLE FOR POWER SYSTEM WITH OVERHEAD LINES

Nominal voltage U0: 600 V

Nominal voltage U: 1000 V

Test voltage: 4000 V

Maximun voltage Um: 1200 V

Maximun operating temperature: +70°C

Maximun short circuit temperature: + 160°C

Minimum installation and laying temperature: 0°C

Min. operating temperature (without mechanical shocks): -15°C

COMMON FEATURES

LV sef-supporting two/four cores cables with triplex assembly,suitable for power system with overhead lines

EMPLOYMENT

Minimum bending radius per D cable diameter (in mm): 18D

Maximum pulling stress: 250 Kg two cores
500 kg four cores

CORE COLOURS

Two cores: black

Four cores: black

SHEATH COLOUR

Grey

INK MARKING

GENERAL CAVI ARE4E4X 0,6/1kV work order and last two digites of the yar of production

Conductor Number	Nominal Section	Approx conductor diameter	Average insulation thickness	External diameter	Approx cable weight	Electric resistance at 20°C	Current carrying capacities		Minimum radius bending
							40° in open air	40°C in duct in air	
	(mmq)	(mm)	(mm)	(mm)	(kg/km)	(Ohm/km)			(mm)
Two cores									
2x1x	16	5.1	1.2	16.2	175	1.91	70	56	290
Four cores									
4x1x	16	5.1	1.2	19.5	300	1.91	65	52	350