



### CHARACTERISTICS

#### Construction characteristics

Conductor material	Plain copper
Type of conductor	Stranded, class 2
Insulation	Halogen-free
Outer sheath	Halogen-free
Halogen free	IEC 60754-1

#### Dimensional characteristics

Conductor cross-section	50 mm <sup>2</sup>
Number of cores	3
Diameter over screen	39.0 mm
Minimum outer diameter	42.9 mm
Maximum outer diameter	47.3 mm
Approximate weight	3374 kg/km

#### Electrical characteristics

Rated Voltage U <sub>o</sub> /U (U <sub>m</sub> )	6/6(7.2) kV
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#### Usage characteristics

Fire retardant	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Smoke density	EN/IEC 61034-2
Life cycle 60years	Yes
Radiation resistant	Yes
Loss of coolant accident resistant	Yes
Max. conductor temperature in service	90 °C
Operating temperature, range	-20 ... 60 °C
Nuclear Classification	Class 1 E LOCA /K1

### SELLING AND DELIVERY INFORMATION

Minimum bending radius:

- 8 x outer diameter
- To be doubled during laying operations



Halogen free  
IEC 60754-1



Rated Voltage U<sub>o</sub>/U (U<sub>m</sub>)  
6/6(7.2) kV



Fire retardant  
NF C 32070 C1;  
IEC 60332-3-24  
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Smoke density  
EN/IEC 61034-2



Life cycle 60years  
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Radiation resistant  
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LOCA  
Yes



Max. conductor  
temp. in service  
90 °C