

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 ²
Number of cores	3

Electrical characteristics

Rated Voltage U _o /U (Um)	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

Reference Name	Conductor material	Nb. of cores	Cross section [mm ²]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
74C068 MT 6/6kV 3x50 Cu2 K1 NA	Plain copper	3	50	42.9	47.3	3374

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_o/U (Um)
6/6(7.2) kV



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



LOCA
Yes



Max. conductor temp. in service
90 °C