



Nexans Ref.: 56742350000

STANDARDS

Product IEC 60502; XP C 32-321

CHARACTERISTICS

Construction characteristics

Conductor flexibility	Flexible class 5
Conductor material	Bare copper
Insulation	XLPE (chemical)
Outer sheath	PVC
Sheath colour	Black
Conductor shape	Circular
With smaller neutral conductor	No

Dimensional characteristics

Conductor cross-section	10 mm ²
Number of cores	3
Approximate weight	406 kg/km
Maximum outer diameter	15.0 mm
Neutral conductor section (when smaller)	- mm ²

Electrical characteristics

Rated Voltage U ₀ /U (U _m)	0,6/1 kV
Permissible current rating in open air	71 A
Permissible current rating when buried	88 A
Voltage drop, single phase	3.3 V/A.km



Conductor flexibility
Flexible class 5



Rated Voltage U₀/U (U_m)
0,6/1 kV



Mechanical resistance to impacts
Good



Cable flexibility
Flexible



Max. conductor temp. in service
85 °C



Operating temp.
-10 ... 60 °C



Flame retardant
C2, NF C 32-070



Weather resistance
Very good

Mechanical characteristics

Mechanical resistance to impacts	Good
Cable flexibility	Flexible

Usage characteristics

Max. conductor temperature in service	85 °C
Short-circuit max. conductor temperature	250 °C
Length	1000 m
Operating temperature, range	-10 ... 60 °C
Packaging	Drum
Flame retardant	C2, NF C 32-070
Weather resistance	Very good
Chemical resistance	Accidental
Bending factor when laying	6 (xD)



Conductor flexibility
Flexible class 5



Rated Voltage U_0/U
(Um)
0,6/1 kV



Mechanical
resistance to
impacts
Good



Cable flexibility
Flexible



Max. conductor
temp. in service
85 °C



Operating temp.
-10 ... 60 °C



Flame retardant
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Weather resistance
Very good