



SEVAL KABLO

since 1980

CONSTRUCTIONAL DATA

Type	: NA2XSE(FL)2Y
According to regulation	: IEC 60502-2
Flame retardant according to the test standard	: -
Rated voltage	: 8,7 / 15 kV
Nominal cross-section area of conductor	(mm ²) : 150
Number of cores	: 3
Material of conductor	: Aluminium
Type of conductor	: Stranded
Material of insulation	: XLPE
Screen Material / Type	: Cu Wires + Cu Tape
Nominal cross-section area of screen	(mm ²) : 25
Material of filler	: PVC
Material of outer sheath	: MDPE

IDENTIFICATION

Identification of core(s)	: Brown-Black-Grey
Outersheath color	: Red

DIMENSIONAL DATA

Diameter over the conductor	(mm) : 14,40 (±3%)
Minimum insulation thickness at any point	(mm) : 3,95
Nominal thickness of inner semi-conductive layer	(mm) : 0,50 (±3%)
Nominal thickness of outer semi-conductive layer	(mm) : 0,40 (±3%) Fully Bonded
Diameter over the XLPE insulation	(mm) : 25,3 (±3%)
Minimum outersheath thickness at any point	(mm) : 2,44
Overall diameter (Approx)	(mm) : 76,0 (±5%)
Net weight of cable (Approx)	(kg/km) : 6750 (±3%)
Minimum bending radius of cable	(mm) : 15 x D

ELECTRICAL DATA

Permissible operating temp.of conductor	(°C) : 90
Permissible short-circuit temperature up to 5 sec.	(°C) : 250
Nominal short-circuit current for 1 second of conductor	(kA) : 14,10
Conductor DC resistance at 20 °C	(Ohm/km) : 0,206
Conductor AC resistance by max.temperature	(Ohm/km) : 0,268
Current carrying capacity in ground (20 °C)	(A) : 304
Current carrying capacity in air (30 °C)	(A) : 318
Conductor losses in the ground	(kW/km) : 74,3



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PACKAGING

Type of Packaging	: Wooden drum
Standard delivery length on drum	(m) : 500
Drum diameter	(cm) : 250
Width of drum	(cm) : 160
Weight of drum including cable (Approx)	(kg) : 3935 (±3%)

SPECIFIC NOTES

Fire resistant according to the test standard	: N/A
Graphite Coated	: NO
UV Resistant	: YES
Anti Termite	: NO
Anti Rodent	: NO
Low Temperature	: NO
Outersheath Oil Resistant	: NO
Outersheath Hyrdocarbon Resistant	: NO
Longitudinal water blocking	: YES
Radial water blocking	: YES

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