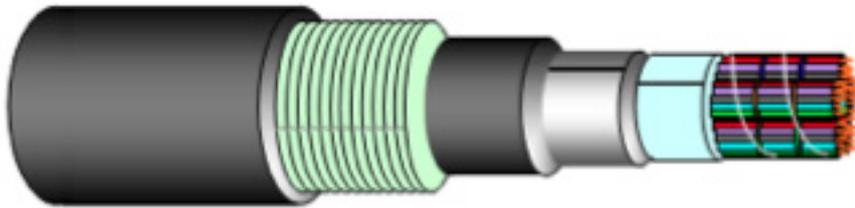


A-2Y(L)2Y(SR)2Y ...x1x1.5mm²

(Based on EAPSP - TDT 1158 Rev 01)



Solid polyethylene insulated, core, construction, aluminium shielded, armoured, polyethylene inner / outer sheathed cables.

Application

Cables can be installed directly into the ground or in ducts.

Color Coding

Cores: black and white (counter core) - with (direction core) - red-grey-blue-brown-green-yellow - red-grey-..... in each layer.
Sheaths: black

Technical Data

A-2Y(L)2Y(SR)2Y EAPSP

Conductor	Copper, solid, 1.4 mm = 1.5mm ² , soft annealed
Insulation	PE (2Y-HDPE or MDPE) with thickness 0.8mm
Cable core	With at least one layer of plastic tape with overlay wrapping
Moisture barrier	Laminated sheath formed by an aluminium tape (0.20 mm thick) coated on both sides with copolymer and conded with
Inner sheath	PE (2Y-L(L)DPE), black (Nom thickness 1.4mm)
Armouring	Both side copolymer coated, corrugated steel tape, approx. thickness 0.05/0.15/0.05mm running in longitudinally and applied with overlap
Outer Sheath	PE (2Y L(L)DPE), black Nom. thickness ≤ 19 cores : 1.2 mm Nom. thickness ≤ 37 cores : 1.3 mm Nom. thickness ≤ 48 cores : 1.4 mm
Marking	In one line one time per meter TCDD - year of production - TÜRK PRYSMIAN - EAPSP nx1x1,5 mm ² - length (m) and - n : Core number

Mechanical properties

Bending radius	Without load:	≥ 15 x cable diameter mm
	With tension:	≥ 20 x cable diameter mm
Temperature range	During operation:	-20°C to +70°C
	During installation	0°C to +50°C

Electrical properties

At 20°C ± 5°C		
Conductor diameter	mm	1.4
Conductor cross section	mm ²	1.5
Core diameter	mm	3.1 ± 0.1
Conductor resistance (mean value)	Ω/km	11.2 + 0.5
Conductor resistance (max value)	Ω/km	≤ 11.9
Insulation resistance	G Ωxkm	10
core/core	Veff	3000
core/armouring	Veff	3500

© PRYSMIAN GROUP 2012, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alternation afterwards of product may give different results. The information claimed within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. This information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.