

AAC

Aluminium conductor



GENERAL INFO

APPLICATION	Bare conductor for overhead power transmission
RATED VOLTAGE	
Declaration of Performance (DoP)	non CPR

STANDARDS AND CERTIFICATIONS

RoHS

SFS 5701
EN 50182
IEC 61089

CABLE DESIGN

Conductor	Aluminium
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APPLICATION PROPERTIES

Max. conductor temperature [°C]	80
Max. conductor temperature at short circuit [°C]	160

FIRE PROPERTIES

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This specification is not contractually valid unless specifically authorised by Prysmian.

DELIVERY INFO

Snro	PRODUCT NAME	EAN-code (GTIN)	Packaging type	Standard delivery length
0120250	AAC 107	6410001202503	Drum	2,100
0120252	AAC 132	6410001202527	Drum	2,100
0120255	AAC 201	6410001202558	Drum	1,800
0120258	AAC 346	6410001202589	Drum	2,000
0120261	AAC 638	6410001202619	Drum	1,400
0120264	AAC 1095	6410001202640	Drum	800

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MECHANICAL AND ELECTRICAL DATA

Product name	Diameter over cable [mm]	Max. DC resistance, conductor (20°C) [ohm/km]	Current rating, ref. install. type E [A]	Weight [kg/km]	Min. permissible bending radius during laying [mm]
AAC 107	13.3	0.267	435	300	200
AAC 132	14.9	0.219	495	370	220
AAC 201	18.4	0.143	645	560	280
AAC 346	24.2	0.0833	920	960	360
AAC 638	32.9	0.0453	1,340	1,800	490
AAC 1095	43	0.0264	1,830	3,100	650

Current rating: installation method E (in free air, +25°C), conductor max. operation temp.

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