



Nexans Ref.: 57113311300

CONTACT

Sales administrator
Téléphone: 00225 01 73 27 27 82
marguerite.assamoi@nexans.com

NORMES

Product IEC 60502; NF C32-207/A1

APPLICATION

A05VV-U/R cables are designed for households. They can only be used for heating and cooking appliances if there is no risk of radiations or contact with hot parts.

INSTALLATION AND DESIGN

Installation

Open air.

Sheath colour

Black. Others under request

CARACTÉRISTIQUES

Construction characteristics

Sheath colour	Black
Conductor flexibility	Solid class 1
Conductor material	Bare copper
Insulation	PVC
Outer sheath	PVC

Dimensional characteristics

Conductor cross-section	1,5 mm ²
Number of cores	3
Approximate weight	137 kg/km
Maximum outer diameter	11,0 mm

Electrical characteristics

Rated Voltage U _o /U (Um)	300/500 V
Permissible current rating in open air	20 A
Voltage drop, single phase	23,0 V/A.km



Conductor flexibility
Solid class 1



Rated Voltage U_o/U (Um)
300/500 V



Mechanical resistance to impacts
Low



Cable flexibility
Rigid



Weather resistance
Good



Max. conductor temp. in service
70 °C



Chemical resistance
Accidental



Operating temp.
-5 ... 60 °C

Mechanical characteristics

Mechanical resistance to impacts	Low
Cable flexibility	Rigid

Usage characteristics

Length	1000 m
Packaging	Drum
Weather resistance	Good
Max. conductor temperature in service	70 °C
Chemical resistance	Accidental
Operating temperature, range	-5 ... 60 °C
Short-circuit max. conductor temperature	150 °C
Water proof	Accidental
Bending factor when laying	3 (xD)

Fire safety characteristics

Flame retardant	C2, NF C 32-070
-----------------	-----------------



Conductor flexibility
Solid class 1



Rated Voltage U₀/U
(Um)
300/500 V



Mechanical
resistance to
impacts
Low



Cable flexibility
Rigid



Weather resistance
Good



Max. conductor
temp. in service
70 °C



Chemical
resistance
Accidental



Operating temp.
-5 ... 60 °C