

(N)YM(St)-J 300/500V**[D]CPR Eca**

Model Product: GT3 - 20241025

general
CAVI s.p.a.

Rigid class 1 red copper conductor.
PVC insulation, VDE 0207
PVC Sheath, VDE 207
Screen tapes of aluminum / polyester
PVC Sheath, VDE 207

STANDARDS

DIN VDE 0250 N°125005 UG
EN 50575:2014 + EN 50575/A1:2016

Accordingly to the standards BT 2014/35/UE- 2011/65/EU (RoHS 3)

PVC INSULATED CABLES UNDER PVC SHEATH, WITH ALUMINIUM POLYESTER SCREEN AND RIGID CONDUCTOR IN RED COPPER.

Nominal voltage U0: 300 V

Nominal voltage U: 500 V

Maximum operating temperature: +70°C

Maximum short circuit temperature: +160°C

Minimum installation and laying temperature: +5°C

Min. operating temperature (without mechanical shocks): -20°C

CORE COLOURS

Multicores: According to DIN VDE 0293-308

SHEATH COLOUR

Grey

NOTE

I identification marking.

COMMON FEATURES

For electrical circuits requiring protection from electromagnetic interference, in particular in information technology, hospitals and measuring instruments sensitive to external interference.

Can be laid outdoors in humid, dry or rainy environments, and indoors in brickwork and concrete structures. It is not permitted under compressed, solidified reinforced concrete. Outdoor use is only permitted with protection from solar radiation. It must not be laid underground. Can be used in static installations down to -20°C. Supply of electricity and communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.

EMPLOYMENT

Minimum bending radius per D cable diameter (in mm): 4D

Maximum pulling stress: 5 kg/mm²

Cores number (N° x sect.)	Approx conductor diameter (mm)	Average insulation thickness (mm)	Average sheath thickness (mm)	Maximum external diameter (mm)	Electric resistance at 20°C (Ohm/km)	Approx cable weight (kg/km)
Multicores						
3 x 1.5/1.5	1.4	0.6	1.4	12.6	12.1	120
3 x 2.5/1.5	1.8	0.7	1.4	13.8	7.41	163
4 x 1.5/1.5	1.4	0.6	1.4	13.2	12.1	160
4 x 2.5/1.5	1.8	0.7	1.4	15.0	7.41	210
5 x 1.5/1.5	1.4	0.6	1.4	14.4	12.1	170



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(N° x sect.)	(mm)	(mm)	(mm)	(mm)	(Ohm/km)	(kg/km)
5 x 2.5/1.5	1.8	0.7	1.4	16.2	7.41	247
7 x 1.5/1.5	1.4	0.6	1.4	15.6	12.1	210