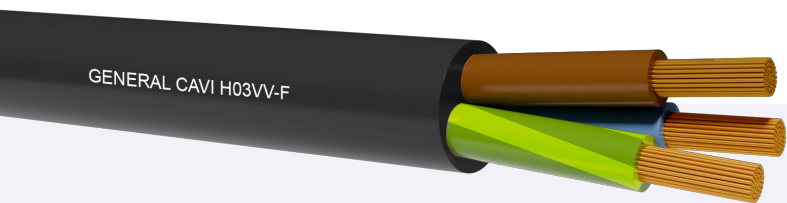


H03VV-F

CPR Eca

Model Product: 205-206 - 20180212

general
CAVI s.p.a.

Class 5 flexible copper conductor.
PVC Insulation in T12 quality.
PVC sheath in TM2 quality.

STANDARDS

CEI EN 50525-2-11 CEI 20-20/5 (CENELEC HD 21.5 S3) BS
6500:2000 NF C 32-201-5 VDE 0281-5
EN 50575:2014 + EN 50575/A1:2016

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

COMMON FEATURES

This cable is suitable for house rooms, kitchens, offices, subjected at weak mechanical stresses; for supply of little and portable household appliances like:

- radio;
- lighting appliances for table or with stand;
- office machines.

Cables light underseath can be used when it is required a great flexibility but without particular mechanical damage risks. 0.75mm² cross section have the same features as medium undersheath cables. A system exercise voltage can always overflow the 10% of its standard voltage. 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):

Fixed lay: D<8=3D D<12=3D D>12=4D

Free move :D<8=5D D<12=5D D>12=6D

Maximum pulling stress: 15 N/mm²

PACKING

100m rings in thermoplastic film or drums to agree.

MOBILE SERVICE CABLE FOR LITTLE AND PORTABLE
HOUSEHOLD APPLIANCE

Nominal voltage U0: 300 V

Nominal voltage U: 300 V

Maximum operating temperature: + 60°C

Maximum short circuit temperature: +150°C

Minimum installation and laying temperature: +5°C

Min. operating temperature (without mechanical shocks): -10°C

Minimum installation and laying temperature: +5°C

CORE COLOURS

Two cores: blue-brown

Three cores: brown-black-gray (or blue-brown-Y/G)

Four cores: blue-brown-black-gray (or Y/G instead blue)

Five cores: Y/G-blue-brown-black-gray (or black instead Y/G)

SHEATH COLOUR

Black, white, grey.

MARKING ENGRAVING

GENERAL CAVI -Eca- IEMMEQU <HAR> - year

H03VV-F

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Conductor Number (N°)	Nominal Section (mmq)	Approx cond. diameter (mm)	Insulation thickness (mm)	MAXIMUM external diameter (mm)	Approx cable weight (kg/km)	Electric resistance at 20°C (Ohm/km)	Current carrying capacities 30°C (A)
Two cores							
2x	0.5	0.9	0.5	5.9	34	39.0	3
2x	0.75	1	0.5	6.3	42	26.0	6
Three cores							
3G	0.5	0.9	0.5	6.3	41	39.0	3
3G	0.75	1	0.5	6.7	51	26.0	6
Four cores							
4G	0.5	0.9	0.5	6.9	49	39.0	3
4G	0.75	1	0.5	7.3	62	26.0	6