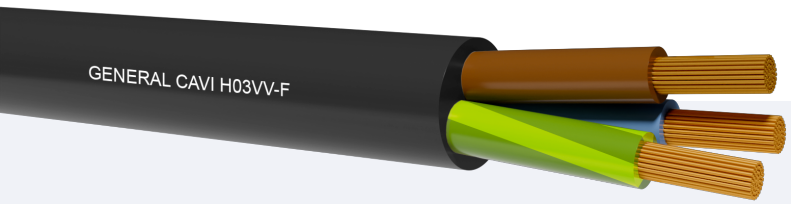
**HARMONIZED**

# H03VV-F

## CPR Eca

Model Product: 205-206 - 20180212




MOBILE SERVICE CABLE FOR LITTLE AND PORTABLE HOUSEHOLD APPLIANCE

Class 5 flexible copper conductor.
PVC Insulation in TI2 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)

Nominal voltage U0: 300 V

Nominal voltage U: 300 V

Maximun operating temperature: + 60°C

Maximun short circuit temperature: +150°C

Minimum installation and laying temperature: +5°C

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

### 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 wi thout particular mechanical damagement risks. 0.75mm² cross section have the same features as medium undersheath cables.A system exercice 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.

### 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

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| Conductor Number | Nominal Section | Approx cond. diameter | Iinsulation thickness | MAXIMUM external diameter | Approx cable weight | Electric resistance at 20°C | Current carrying capacities 30°C |
|---|---|---|---|---|---|---|---|
| (N°) | (mmq) | (mm) | (mm) | (mm) | (kg/km) | (Ohm/km) | (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 |