HARMONIZED

H05V-K

CPR Eca

Model Product: 204 - 20230728

FLEXIBLE SINGLE CORE CABLES WITHOUT SHEATH FOR INDOOR WIRING

Flexible conductor bare or tinned copper, class 5.
PVC insulation in TI1 quality

STANDARDS

CEI EN 50525-2-31 CEI 20-20/3(CENELEC HD 21.3 S3), BS EN 50525-2-31 ,NF C 32-201-3 ,DIN VDE 0285-525-2-31 EN 50575:2014 + EN 50575/A1:2016(IEC 60332-1-2)(IEC 60227-3)

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

- Nominal voltage U0: 300 V
- Nominal voltage U: 500 V
- Test voltage: 2000 V
- Maximun operating temperature: +70°C
- Maximun short circuit temperature: +160°C
- Minimum installation and laying temperature: +5°C
- Min. operating temperature (without mechanical shocks): -10°C

COMMON FEATURES

For fixed and protected installation at into electrical sets, upon or into illumination sets. It must be laid inside pipes at sight or embedded system, only control circuits or signal circuits.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
Curve near terminal:D<8=2D D<12=3D D>12=4D

Maximum pulling stress:

PACKING

100mt. rings in thermoplastic film or cardboard packagings

CORE COLOURS

Single core: It's allowed the suitable single colours:Black, light blue, brown, grey, orange, pink, red, touquoise, violet, white, green and yellow. It's allowed all bicolour combinations of that colours.

MARKING ENGRAVING

GENERAL CAVI - IEMMEQU <HAR> - Eca -year

NOTE

Maximum storage temperature: +40°C
CEI 20-40 "Guide to use of low-voltage cables
The colors distribution of Y / G has to follow what is indicated in CEI EN 50525-1 5.4.4, the use of yellow or green in some countries may be prohibited or restricted by regulations or other national security. In some countries the use of green is allowed especially for decorative chains.

Conductor Number	Cross section	Maximum conductor diameter	Iinsulation thickness	External diameter		Electric resistance at 20°C	Approx cable weight	Current carrying capacities in air 30°C
				Minimum	maximum			
(N°)	(mm²)	(mm)	(mm)	(mm)	(mm)	(Ohm/km)	(kg/km)	(A)
Single core								
1x	0.5	0.77	0.6	2.1	2.5	39.0	8.4	3
1x	0.75	0.95	0.6	2.2	2.7	26.0	11.0	6
1x	1	1.30	0.6	2.4	2.8	19.5	13.8	10