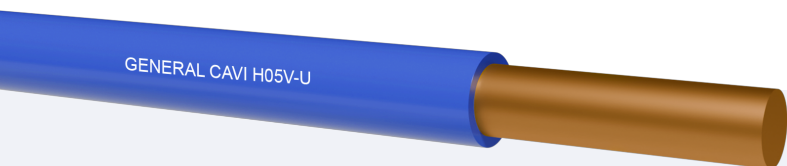


H05V-U

CPR Eca

Model Product: 208 - 20200910

general
CAVI s.p.a.

Rigid class 1 red copper conductor.
PVC insulation in T11 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)

COMMON FEATURES

Fixed protected installation inside appliances and in, or on, lighting fittings. Suitable for installation in surface mounted or embedded conduits, only for signalling and control 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 $\leq 4D$
Curving taken care of in proximity of finishes them $\leq 2D$
Maximum pulling stress: 50 N/mm²

PACKING

100mt. rings in thermoplastic film. Drums to agree.
Note: Maximum storage temperature: +40°C

SOUD CONDUCTOR SINGLE CORE CABLES WITHOUT SHEATH FOR INDOOR WIRING

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): -10°C

CORE COLOURS

Single core: Black, light blue, brown, grey, orange, pink, red, turquoise, violet, white, green and yellow.

INK MARKING

GENERAL CAVI - IEMMEQU <HAR> - H05V-U - 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 (N°)	Cross section (mm ²)	Maximum conductor diameter (mm)	Insulation thickness (mm)	External diameter		Electric resistance at 20°C (Ohm/km)	Approx cable weight (kg/km)	Current carrying capacities in air 30°C (A)
				Minimum (mm)	maximum (mm)			
Single core								
1x	0.5	0.77	0.6	1.9	2.3	36.0	9	3
1x	0.75	0.95	0.6	2.1	2.5	24.5	12	6
1x	1.0	1.30	0.6	2.2	2.7	18.1	14	10