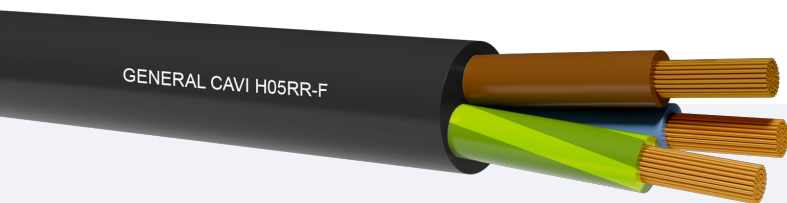


H05RR-F

CPR Eca

Model Product: 252-253 - 20210324

general
CAVI s.p.a.

Class 5 flexible copper conductor.
Elastomeric mixture Insulation in EI4 quality.
Special Rubber outer sheath

STANDARDS

CEI EN 50525-2-21 CEI 20-107/2-21 CEI 20-19/4 (CENELEC HD 22.4 S4) BS 7919:2001 NF C 32-102-4 VDE 0282-4 EN 50575:2014 + EN 50575/A1:2016

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

COMMON FEATURES

For general purposes in domestic areas, kitchens, offices and to feed portable devices submitted to weak mechanical stresses, exhaust fans, kitchen apparatuses, irons for welding, toaster. Supply of electricity and communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire.

EMPLOYMENT

Minimum bending radius per D cable diameter (in mm):
Fixed lay: $D < 8 = 3D$ $D < 12 = 3D$ $D > 12 = 4D$
Free move : $D < 8 = 4D$ $D < 12 = 4D$ $D > 12 = 6D$
Maximum pulling stress: 15 N/mm²

PACKING

100mt. rings in thermoplastic film or drums to agree.

FLEXIBLE, EPR RUBBER INSULATED CABLE WITH EPR RUBBER SHEATH

Nominal voltage U0: 300 V

Nominal voltage U: 500 V

Test voltage: 2000V

Maximum operating temperature: +60°C

Maximum short circuit temperature: +200°C

Minimum installation and laying temperature: -25°C

Min. operating temperature (without mechanical shocks): -40°C

CORE COLOURS

Single core: black

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 (black no Y/G)

SHEATH COLOUR

Black

INK MARKING

GENERAL CAVI - Eca - IEMMEQU <HAR> - H05RR-F - year

NOTE

IS PRODUCED ON DEMAND FOR QUANTITIES TO BE AGREED.
OZONE RESISTANT CEI EN 60811-2-1 (Metodo A) and CEI EN 50396 (Metodo B).

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Cores number (N°)	Cross section (mm²)	Approx conductor diameter (mm)	Insulation medium thickness (mm)	External diameter		Approx cable weight (kg/km)	Electric resistance at 20°C (Ohm/km)	Current carrying capacities
				low boundary (mm)	high boundary (mm)			30°C Mobile Service (A)
Two cores								
2x	0.75	1.1	0.6	5.7	7.4	55	26.0	6
2x	1	1.3	0.6	6.1	8.0	65	19.5	12.5
2x	1.5	1.6	0.8	7.6	9.8	90	13.3	17
2x	2.5	2	0.9	9.0	11.6	135	7.98	22.5
Three cores								
3G	0.75	1.1	0.6	6.2	8.1	73	26.0	30
3G	1	1.3	0.6	6.5	8.5	83	19.5	10
3G	1.5	1.6	0.8	8.0	10.4	110	13.3	12.5
3G	2.5	2	0.9	9.6	12.4	167	7.98	17
3G	4	2.5	1	11.3	14.5	225	4.95	22.5
3G	6	3	1	12.8	16.3	310	3.30	30
Four cores								
4G	0.75	1.1	0.6	6.8	8.8	79	26.0	40
4G	1	1.3	0.6	7.1	9.3	100	19.5	12.5
4G	1.5	1.6	0.8	9.0	11.6	135	13.3	17
4G	2.5	2	0.9	10.7	13.8	199	7.98	22.5
4G	4	2.5	1	12.7	16.2	219	4.95	30
4G	6	3	1	14.2	18.1	315	3.30	40
Five cores								
5G	0.75	3.4	0.6	7.4	9.9	100	26.0	12.5
5G	1	1.3	0.6	8.0	10.3	120	19.5	10
5G	1.5	1.6	0.8	9.1	12.7	168	13.3	16
5G	2.5	2	0.9	11.0	15.3	244	7.98	20