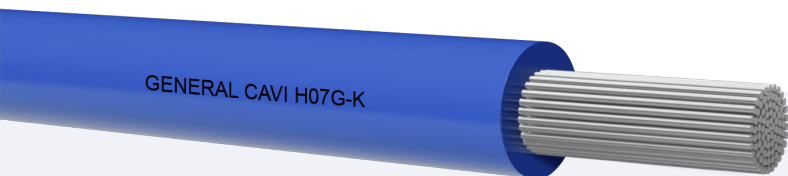


H07G-K

Model Product: 269 - 20160412

Flexible conductor TINNED copper, class 5.
Elastomeric mixture Insulation in EI3 quality.

STANDARDS

CEI 20-19/7 (CENELEC HD 22.7 S2) NF C 32-102-7 VDE
0282-7
CEI EN 60332-1-2 BS EN 60332-1-2 NF EN 60332-1-2 DIN
EN 60332-1-2

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

COMMON FEATURES

Cable with increased heat resistance. For internal wiring in dry locations only. For fixed installations elsewhere e. visible or embedded conduits or tubes. Maximum conductor temperature in normal use is 110°C.

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: 50 N/mm²

PACKING

100mt. rings in thermoplastic film. Drums to agree.

FLEXIBLE CABLES RUBBER INSULATED FOR INDOOR
SPECIAL INSTALLATION 110°C

Nominal voltage U₀: 450 V

Nominal voltage U: 750 V

Test voltage: 2500 V

Maximum operating temperature: +110°C

Maximum short circuit temperature: +260°C

Minimum installation and laying temperature: -25°C

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

CORE COLOURS

Single core: Black, light blue, brown, grey, orange, pink, red, turquoise, violet, white, Y/G.

INK MARKING

GENERAL CAVI - IEMMEQU <HAR> - H07G-K - year

NOTE

MINIMUM ORDER QUANTITY

H07G-K

Model Product: 269 - 20160412



Conductor Number (N°)	Cross section (mm²)	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	1.5	1.8	0.8	3.0	3.7	13.7	21	16
1x	2.5	2.4	0.9	3.6	4.5	8.21	33	25
1x	4	3	1	4.3	5.4	5.09	48	32
1x	6	3.9	1	4.8	6.0	3.39	66	40
1x	10	5.1	1.2	6.0	7.6	1.95	112	63
1x	16	6.3	1.2	7.1	8.9	1.24	167	88
1x	25	7.8	1.4	8.8	11.0	0.795	254	115
1x	35	9.2	1.4	10.1	12.6	0.565	340	147
1x	50	11	1.6	11.9	14.9	0.393	485	176
1x	70	13.1	1.6	13.6	17.0	0.277	674	228
1x	95	15.1	1.8	15.5	19.3	0.210	894	271