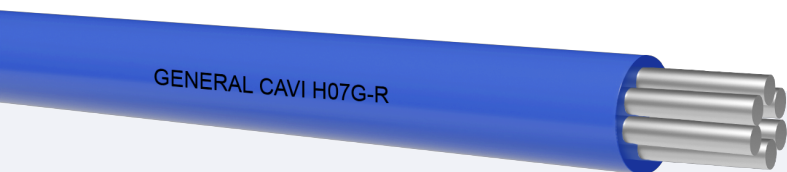


## H07G-R

Model Product: - 20151203

## 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)

RIGID 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

Minimum installation and laying temperature: -25°C

## 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:3D  
 Curve near terminal:2D  
 Maximum pulling stress:

## PACKING

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

## CORE COLOURS

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

## INK MARKING

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

## NOTE

MINIMUM ORDER QUANTITY

Conductor Number (N°)	Nominal Section (mmq)	Approx conductor diameter (mm)	Insulation thickness (mm)	External diameter		Electric Resistance (Ohm/km)	Approx cable weight (kg/km)	Current carrying capacities in air 30°C (A)
				Minimum (mm)	maximum (mm)			
Single core								
1x	6	3.3	1.0	4.7	5.9	3.11	66	40
1x	10	4.2	1.2	6.0	7.4	1.84	112	63
1x	16	5.3	1.2	6.8	8.5	1.16	167	88
1x	25	6.6	1.4	8.4	10.6	0.734	254	115
1x	35	7.9	1.4	9.4	11.4	0.529	340	147
1x	50	9.1	1.6	10.9	13.7	0.391	485	176