

Rubber insulated flexible cable sheathed with polychloroprene

H05RN-F

CEI EN 50525-2-21
EN 50525-2-21
Low voltage directive 2006/95/CE
RoHS 2011/65/CE directive

IEMMEQU ◁HAR▷



Manufacturing characteristics

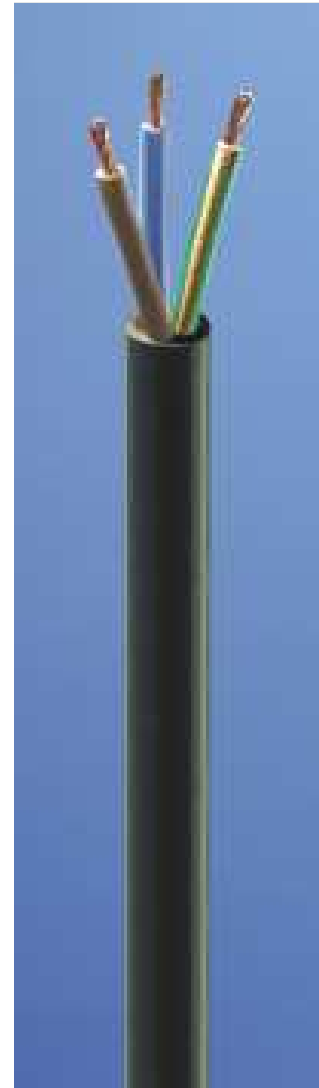
Conductor stranded bare copper, rubber insulation quality E14;
 sheath of polychloroprene or equivalent quality EM2.

Marking

Marking with special ink:
 IRCE CAVI IEMMEQU ◁HAR▷ H05RN-F
 <nr. conductors x section>

Application – intended use

Flexible cables for mobile service in or for fixed installation.
 Excellent resistance to abrasion, ozone, oils and chemicals.
NOT SUITABLE FOR EXTERNAL UNDERGROUND LAYING.



Nominal voltage:
 $U_0/U = 300/500V$



Minimum bending radius:
 3 x ext. diameter for fixed laying
 6 x ext. diameter for mobile laying



Operating temperature:
 60° C



Traction force during laying:
 50N/mm² of copper section max for fixed layings
 15N/mm² of copper section max for mobile layings



Short circuit temperature:
 200° C



Laying temperature:
 minimum -25° C

Number of conductors nom. cross section area n° x mm ²	Strands conductor maximum diameter mm	Average insulation thickness mm	Average sheath thickness mm	Maximum external cable diameter mm	Cable nominal weight kg / km	Max conductor resistance at 20° C Ohm / km	Max current carrying at 30° C in air mobile service A
2 x 0,75	0,21	0,60	0,80	7,4	54	26,0	6
2 x 1,00	0,21	0,60	0,90	8,0	65	19,5	10
3 x 0,75	0,21	0,60	0,90	8,1	67	26,0	6
3 x 1,00	0,21	0,60	0,90	8,5	77	19,5	10

VERSIONS ON REQUEST

The H05RN-F may be provided:
 With sheathed colored to customer specifications
 With external diameter to customer specifications.