

H05RR – F

FLEXIBLE CABLES EPR INSULATED, EPR SHEATHED



Standard	Approvals	Packaging
EN 50525-2-21  		  

Marking
ICC "SIZE" mm2 H05RR-F IEMMEQU (Logo HAR) MADE IN ITALY (Logo CE)

CHARACTERISTICS											
Applications: use in domestic premises kitchens and offices, for ordinary duty applications and supplying appliances where cables are subject to low mechanical stresses (e.g. vacuum cleaners, cooking appliances, soldering irons, toaster, domestic portable tools, hand held inspection lamps). Use outdoors for temporary period of short duration.											
Sheath colour:				Black							
Max operating temperature:				-25°C ÷ +60° C on the conductor							
Rated voltage Uo/U:				300/500 V							
Maximum voltage Um				Mobile installation: 4 x outer diameter of the cable							
				Fixed installation: 3 x outer diameter of the cable							
Max. temperature in case of short circuit:				200° C on the conductor (max duration 5 seconds)							
Colore anime: ÷ Core Identif.:	cavo senza anima g/v ÷ cable without earth core						cavo con anima g/v ÷ cable with earth core				
	Tipo/Type	N	Fase/Line				Tipo/Type	N	Fase/Line		
	2 X	Blue	Brown								
	3 X		Brown	Black	Grey		3G	G Y	Blue	Brown	
	4 X	Blue	Brown	Black	Grey		4G	G Y		Brown	Black Grey
	5 X	Blue	Brown	Black	Grey	Black	5G	G Y	Blue	Brown	Black Grey
	≥ 6 X	Black insulation with white numbers					≥ 6 G	Black insulation with white numbers + last core green/yellow			

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Size	Nominal conductor construction	Insulation thickness	Nominal Sheath thickness	Nominal Outer diameter	Max conductor resistance at 20°C
<i>mm²</i>	<i>N x ϕ max mm</i>	<i>Nominal/minimum mm</i>	<i>mm</i>	<i>mm</i>	<i>ohms/km</i>
2x0.75	24x0.21	0.6/0.44	0.8	6,1 ± 0,2	26.0
2x1	28x0.21	0.6/0.44	0.9	6,6 ± 0,2	19.5
2x1.5	28x0.25	0.8/0.58	1.0	7,8 ± 0,2	13.3
2x2.5	47x0.25	0.9/0.66	1.1	9,2 ± 0,2	7.98
2x4	54x0.31	1.0/0.75	1.2	10,2 ± 0,3	4.98
3x0.75	24x0.21	0.6/0.44	0.9	6,6 ± 0,2	26.0
3x1	28x0.21	0.6/0.44	0.9	7,0 ± 0,2	19.5
3x1.5	28x0.25	0.8/0.58	1.0	8,4 ± 0,2	13.3
3x2.5	47x0.25	0.9/0.66	1.1	9,9 ± 0,2	7.98
3x4	54x0.31	1.0/0.75	1.2	11,7 ± 0,3	4.98
3x6	80x0.31	1.0/0.75	1.4	13,3 ± 0,3	3.30
4x0.75	24x0.21	0.6/0.44	0.9	7,2 ± 0,2	26.0
4x1	28x0.21	0.6/0.44	0.9	7,6 ± 0,2	19.5
4x1.5	28x0.25	0.8/0.58	1.0	9,4 ± 0,2	13.3
4x2.5	47x0.25	0.9/0.66	1.1	11,1 ± 0,3	7.98
4x4	54x0.31	1.0/0.75	1.3	13,0 ± 0,3	4.98
4x6	80x0.31	1.0/0.75	1.5	14,5 ± 0,3	3.30
5x0.75	24x0.21	0.6/0.44	1.0	8,1 ± 0,2	26.0
5x1	28x0.21	0.6/0.44	1.0	8,4 ± 0,2	19.5
5x1.5	28x0.25	0.8/0.58	1.1	10,3 ± 0,3	13.3
5x2.5	47x0.25	0.9/0.66	1.3	12,4 ± 0,3	7.98
5x4	80x0.31	1.0/0.75	1.4	14,5 ± 0,3	4.98