

# H05RR-F, H05RN-F



## TECHNICAL FEATURES

Operating temperature	-25°C ÷ +60° C / laying temp. -25°C ÷ +60°C
Rated voltage	300/500V
Testing Voltage	2,0 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp IEC 60228
Conductor material	Bare copper strand
Conductor Class	Class 5 DIN VDE 0295 resp IEC 60228
Core insulation	Elastometric rubber compound (quality EI4)
Core identification	Acc. to CEI UNEL 00722 / HD 308 / VDE-0293
Outer Sheath material	Polychloroprene (Neoprene) quality EM3
Colour outer sheath	Black
Printing	to HAR standards
Max. temp. of short circuit	200° C (max. 5 sec)
Min. bending radius	fixed 3 x cable Ø / mobile 4 x cable Ø
Standards	Harmionized cable <HAR> CEI 20-19/4/20-35 (EN 60332-1) CENELEC HD 22.4.S2

## APPLICATION

H05RR-F light rubber sheathed cable for light and medium mechanical stress requirements. For connecting electrical portable devices, domestic tools and office equipment. For use in dry, humid and wet rooms, but not suitable for permanent outdoor use. H05RN-F matches the same applications and in addition it is suitable for outdoor use.

## SPECIAL FEATURES

Flame retardant CEI 20-35 /EN 60332-1)  
Resistant to ozone, oxygen, UV rays. Good water rain resistance

## REMARKS

Conform to RoHS  
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.  
Lead free CEI 20-52  
Customized versions on demand

Section mm <sup>2</sup>	Nom. O.D. mm	Copper weight kg/km	Approx. Cable weight kg/km
<b>H05RR-F</b>			
2 x 0,75	6,3	14,85	53
2 x 1,00	6,7	19,80	64
2 x 1,50	8,3	29,70	95
2 x 2,50	9,8	49,50	140
3 G 0,75	6,8	22,28	65
3 G 1,00	7,1	29,70	77
3 G 1,50	8,8	44,55	115
3 G 2,50	10,4	74,25	170
3 G 4,00	12,2	118,80	240
3 G 6,00	13,6	178,20	320
4 G 0,75	7,4	29,70	80
4 G 1,00	7,8	39,60	95
4 G 1,50	9,8	59,40	145
4 G 2,50	11,5	99,00	210
4 G 4,00	13,5	158,40	300
4 G 6,00	15,1	237,60	405
5 G 0,75	8,3	37,13	100
5 G 1,00	8,7	49,50	115
5 G 1,50	10,7	74,25	170
5 G 2,50	12,8	123,75	255
<b>H05RN-F</b>			
2 x 0,75	6,3	14,85	45,00
2 x 1,00	6,7	19,80	45,00
3 G 0,75	6,8	22,28	45,00
3 G 1,00	7,1	29,70	45,00

