



INTERKABEL KYIV

H05RR-F

Light flexible cable

DESIGN



- 1 | Copper conductor, fine wire (-F)
- 2 | Core insulation (EPR-rubber)
- 3 | Sheath (EPR-rubber black)

APPLICATION

For use with light to moderate mechanical stressing in households and office premises for light electrical equipment. Not suitable for continuous use in the open air or for use in premises used industrially.

TECHNICAL DATA



Standard:
HD 22.4
EN 50525-2-21



Rated voltage:
300/500 V



Test voltage:
2 kV/50 Hz



Temperature range:
 laying temperature: min. -25 °C
 operating temperature: -25 °C up to +50 °C
 conductor temperature: max. +60 °C
 short-circuit temperature: max. +200 °C/5 s



Bending radius (min.):
4 x Ø of cable



Core identification:
HD 308 S2



Certificate:
UkrSepro certification in Ukraine

Number and nominal cross-section of cores (mm ²)	Calculated cable diameter (mm)	Calculated weight 1 km of cable (kg)	Cores' electrical resistance, in keeping with IEC 60228, no more (Om/km)
H05RR-F			
2 X 0,75	26,700	7,0	65
3 G 0,75	26,700	7,5	75
4 G 0,75	26,700	8,0	90
5 G 0,75	26,700	8,5	110
2 X 1	20,000	7,7	75
3 G 1	20,000	8,0	85
4 G 1	20,000	8,5	105
5 G 1	20,000	9,5	140
2 X 1,5	13,700	8,5	110
3 G 1,5	13,700	9,0	125
4 G 1,5	13,700	10,0	160
5 G 1,5	13,700	11,5	195
2 X 2,5	8,200	10,5	150
3 G 2,5	8,200	11,0	180
4 G 2,5	8,200	12,0	240
5 G 2,5	8,200	13,0	290

Subject to technical changes.



INTERKABEL KYIV

H07RN-F / A07RN-F

Heavy flexible cable, oil resistant

DESIGN



- 1 | Copper conductor, tinned or bare fine wire (–F)
- 2 | Core insulation (EPR-rubber)
- 3 | Sheath (Chloropren-rubber), black, oil and abrasion resistant

APPLICATION

For mains supply, flexible cords designed for electrical appliances and equipment used for the construction industry and agriculture when there is high mechanical stress, and in various environments, i.e. ordinary, cold, hot and damp. H07RN–F cables also have good performance in hard climatic conditions and are oil resistant. Suitable also for outdoor application.

TECHNICAL DATA



Standard:
HD 22.4
EN 50525-2-21



Rated voltage:
450/750 V



Test voltage:
2.5 kV/50 Hz



Temperature range:
laying temperature: min. –25 °C
operating temperature: –25 °C up to +50 °C
conductor temperature: max. +60 °C
short-circuit temperature: max. +200 °C/5 s



Bending radius (min.):
4 x Ø of cable



Core identification:
HD 308 S2



Fire properties:
flame retardant:
EN 60332-1-2



Certificate:
UkrSepr certification in Ukraine

Number and nominal cross-section of cores (mm ²)	Calculated cable diameter (mm)	Calculated weight 1 km of cable (kg)	Cores' electrical resistance, in keeping with IEC 60228, no more (Om/km)
H07RN-F			
3 G 1	20,000	9,5	120
1 X 1,5	13,700	6,5	55
2 X 1,5	13,700	9,5	130
3 G 1,5	13,700	10,5	150
4 G 1,5	13,700	11,5	190
5 G 1,5	13,700	12,5	230
1 X 2,5	8,210	7,0	85
2 X 2,5	8,210	11,5	190
3 G 2,5	8,210	12,5	220
4 G 2,5	8,210	14,0	280
5 G 2,5	8,210	15,5	340
1 X 4	5,090	8,0	105
2 X 4	5,090	13,5	240
3 G 4	5,090	14,5	305
4 G 4	5,090	16,0	390
5 G 4	5,090	17,5	470
1 X 6	3,390	9,0	140
2 X 6	3,390	15,0	290
3 G 6	3,390	16,0	495
4 G 6	3,390	17,5	520

H07RN-F / A07RN-F

Number and nominal cross-section of cores (mm ²)	Calculated cable diameter (mm)	Calculated weight 1 km of cable (kg)	Cores' electrical resistance, in keeping with IEC 60228, no more (Om/km)
H07RN-F			
5 G 6	3,390	19,0	640
1 X 10	1,950	11,0	210
3 G 10	1,950	22,0	880
4 G 10	1,950	24,0	950
5 G 10	1,950	26,0	1 150
1 X 16	1,240	12,0	290
4 G 16	1,240	27,0	1 400
5 G 16	1,240	30,0	1 700
1 X 25	0,795	13,5	410
4 G 25	0,795	32,5	1 950
5 G 25	0,795	36,0	2 400
1 X 35	0,565	16,0	560
4 G 35	0,565	37,0	2 700
5 G 35	0,565	38,0	3 000
1 X 50	0,393	17,6	740
4 G 50	0,393	42,0	3 600
5 G 50	0,393	50,0	4 390
1 X 70	0,277	21,0	1 050
4 G 70	0,277	49,5	4 900
1 X 95	0,210	23,0	1 300
4 G 95	0,210	55,5	6 200
1 X 120	0,164	25,0	1 560
4 G 120	0,164	60,0	7 800
1 X 150	0,132	28,0	2 000
4 G 150	0,132	65,0	9 700
1 X 185	0,108	31,0	2 300
1 X 240	0,082	34,0	3 000
A07RN-F			
7 G 1,5	13,700	15,5	330
9 G 1,5	13,700	17,0	430
12 G 1,5	13,700	20,0	470
19 G 1,5	13,700	23,0	620
24 G 1,5	13,700	27,0	870
27 G 1,5	13,700	27,0	1 080
7 G 2,5	8,210	17,5	470
12 G 2,5	8,210	23,0	650
19 G 2,5	8,210	28,0	1 100
24 G 2,5	8,210	32,5	1 260
7 G 4	5,090	20,0	705
12 G 4	5,090	26,5	1 020

Subject to technical changes.