

H05RR-F 300/500 Volts

<HAR>



H05RR-F is a harmonized, light-duty, flexible, rubber insulated, black rubber jacketed, multi-conductor European cord. Recommended for use in electrical equipment under low stress in dry, damp and wet areas. Commonly used in connecting electrical appliances as vacuums and kitchen appliances in offices and households. **H05RR-F** can be found in flat irons, soldering irons, kitchen aids, toasters, stoves and in connections with light commercial electric tools. Also suitable for fixed installation in furniture, decorative coverings, wall partitions and pre-fabricated building parts. Max operating voltage in single or three phase system is Uo/U 318/550 volts. In a direct current system max operating voltage is Uo/U 413/825 volts. Outdoor use is permitted only for a short time.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 CI-5
- Rubber core insulation to VDE-0282 Part-1
- Color code VDE-0293-308 and HD 186
- Rubber jacket
- Ozone resistant
- Oil & fat resistant to touch

Technical:

- Working voltage: 300/500 volts
- Test voltage: 2000 volts
- Flexing bending radius: 7.5 x Ø
- Fixed bending radius: 4.0 x Ø
- Temp Range: -30° C to +60° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

- <HAR> HD22.4 S3
- VDE-0282 Part-4
- CE low voltage directive 73/23/EEC & 93/68/EEC.
- IEC 60245-4
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
18 AWG (24/32) 0,75mm²				
4201802	2	0.224 - 0.291" / 5.7 - 7.4mm	10	40
4201803	3	0.244 - 0.319" / 6.2 - 8.1mm	15	50
4201804	4	0.268 - 0.346" / 6.8 - 8.8mm	19	58
4201805	5	0.299 - 0.390" / 7.6 - 9.9mm	24	66
17 AWG (32/32) 1,00mm²				
4201702	2	0.240 - 0.315" / 6.1 - 8.0mm	13	48
4201703	3	0.256 - 0.335" / 6.5 - 8.5mm	19	57
4201704	4	0.280 - 0.366" / 7.1 - 9.3mm	25	66
4201705	5	0.315 - 0.406" / 8.0 - 10.3mm	32	90
16 AWG (30/30) 1,50mm²				
4201602	2	0.299 - 0.386" / 7.6 - 9.8mm	19	66
4201603	3	0.315 - 0.409" / 8.0 - 10.4mm	29	80
4201604	4	0.354 - 0.457" / 9.0 - 11.6mm	39	101
4201605	5	0.386 - 0.500" / 9.8 - 12.7mm	48	121
14 AWG (50/30) 2,50mm²				
4201402	2	0.354 - 0.457" / 9.0 - 11.6mm	32	97
4201403	3	0.378 - 0.488" / 9.6 - 12.4mm	48	114
4201404	4	0.421 - 0.543" / 10.7 - 13.8mm	64	148
4201405	5	0.469 - 0.602" / 11.9 - 15.3mm	80	181

* For sizes larger than #14 AWG (2,50mm²) see H07RN-F (410)