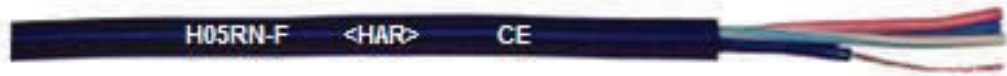


H05RN-F 300/500 Volts

<HAR>



H05RN-F is a harmonized, medium-duty, flexible, rubber insulated, black neoprene jacketed, multi-conductor European cord. Recommended for use in electrical equipment under low stress in dry, damp and wet areas in indoor or outdoor environments. Commonly used as a connection cable in horticulture tools or workshop tools that might be subject to or in contact with oils and fats. 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



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
- Polychloroprene rubber (neoprene) 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				
4111802	2	0.224 - 0.291" / 5.7 - 7.4mm	9	54
4111803	3	0.244 - 0.319" / 6.2 - 8.1mm	15	64
4121804*	4	0.268 - 0.346" / 6.8 - 8.8mm	20	70
17 AWG (32/32) 1,00mm²				
4111702	2	0.240 - 0.315" / 6.1 - 8.0mm	13	64
4111703	3	0.256 - 0.335" / 6.5 - 8.5mm	19	77
16 AWG (30/30) 1,50mm²				
4111603	3	0.339 - 0.433" / 8.6 - 11.0mm	29	105
4111604**	4	0.374 - 0.480" / 9.5 - 12.2mm	39	129
4111605**	5	0.413 - 0.531" / 10.5 - 13.5mm	48	153

* Not a VDE Recognized size. Adapted to National Type (A)05RN-F

** Not a HAR Recognized size. Adapted to VDE Type (H)05RN-F

*** For sizes larger than #16 AWG (1,50mm²) see H07RN-F (410)