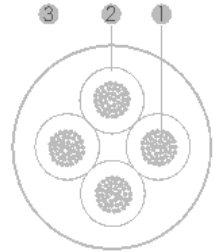


Rubber multicore cable H05BN4-F



1. Electrolytic bare copper flexible conductor
2. EI 7 elastomeric rubber insulation
3. EM 7 elastomeric rubber or equivalent synthetic elastomer outer sheath



APPLICATIONS



Suitable for installation in domestic premises, kitchens and offices, for ordinary duty applications and supplying appliances where they could be undergone to low mechanical stresses (vacuum cleaners, cooking appliances, domestic portable tools, hand held inspection lamps). The outdoor use, also in places with presence of water (AD2 condition), is allowed for temporary periods of short duration.

Technical Data			
Temperature range	- 40 ÷ 90 °C (@ fixed installation)	Bending radius	≥ 6xD (@ fixed installation)
Short-circuit temperature	200 °C	Test voltage	2000 VAC
Voltage rating	300/500 VAC	Flame resistance	IEC 60332-1-2 CPR Class Eca
Suitable for indoor use		Low PAH content	

Size conductor [mm ²]	Conductor stranding [N° x mm]	Electrical resistance [Ω / Km]	Diameter on insulation [mm]	Radial thickness of insulation [mm]
0.75	24 x 0.193	≤ 26.0	2.33 ± 0.1	≥ 0.60
1	32 x 0.193	≤ 19.5	2.47 ± 0.1	≥ 0.60

Size conductor [mm ²]	Outer diameter [mm]	Thickness of jacket [mm]
2 x 0.75	6.1 ± 0.2	≥ 0.80
3 x 0.75	6.7 ± 0.2	≥ 0.90
4 x 0.75	7.2 ± 0.2	≥ 0.90
2 x 1	6.6 ± 0.2	≥ 0.90
3 x 1	7.0 ± 0.2	≥ 0.90
4 x 1	7.8 ± 0.2	≥ 0.90

Standard reference

EN 50525-2-21, European Regulation 305/2011 (CPR)
IMQ-HAR certificate No. CA01.00763, DoP No. 0050

Stranding of conductor

Flexible class 5 electrolytic bare copper conductor conforming to IEC 60228 standard

Insulation

EI 7 elastomeric rubber complies with EN 50363-1 standard

Cable assembly

The inner cores are twisted together and wrapped with tape or talcumized.

Color of insulation

In compliance with requirements of HD 402 and EN 50525-1 standards

Outer sheath

EM 7 elastomeric rubber or equivalent synthetic elastomer complies with EN 50363-2-1 standard

Color of sheath

Black.

Marking

SALCAVI SPA – ITALY IEMMEQU-HAR H05BN4-F - CPR CLASS Eca - WW/YY