

## H05RN-F (single core)

Rubber cables

Polychloroprene or equivalent synthetic elastomer sheathed cables for decorative chains.



### TECHNICAL DATA

Nominal tension	300/500 V
Conditions of employment	Single core cables in series lighting as decorative chains for Christmas Tree and similar temporary decorative objects; flat two core cables for temporary decorative illumination only. use outdoors for temporary periods of short duration.
Type of electrical conductor	Flexible tinned copper
Type of insulation	EI4 (EN 50363-1)
Type of outer sheath	EM2 (EN 50363-2-1)
Color of the outer sheath	Black
Operating temperature	-25° C   +60° C
Short circuit temperature	+200° C on the conductor (5 sec. max)
Test voltage	2000 V
Cable marking	ELETTRO BRESCIA IEMMEQU <HAR> H05RN-F
Minimum radius of curvature	4 times the outer diameter in mobile laying, 3 times in fixed laying.

### REFERENCES STANDARDS

Main rule	EN 50525-2-82
Conductor	EN 60228; IEC 60228
Self-extinguishing	EN 60332-1-2; IEC 60332-1-2
Oil resistance	EN 60811-404; IEC 60811-404

## DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Diametro isolamento $\pm 0,1$	Minimum average external diameter	Medium outer diameter $\pm 0,2$	Electrical resistance 20°C	Approximate weight	Fattore CU
(Nxmm <sup>2</sup> )	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	( $\Omega$ /km)	(kg/km)	(kg/km)
1x0,75	0,21	1,05	0,80	N/A	0,80	4,4	26,7000	N/A	7,2000
1x1,00	0,21	1,21	0,80	N/A	0,80	4,5	20,0000	N/A	9,6000
1x1,50	0,26	1,49	0,80	N/A	0,80	4,8	13,7000	N/A	14,4000

## CORES IDENTIFICATION

Cores number	Insulation colour sequence
1	NA

Refer to the CEI EN 50565 standard series as a guide to the use of cables with nominal voltage not exceeding 450/750 V (U0/U) and to the CEI 20-92 standard as a guide for the handling and storage of wooden reels for cables electrical.

Elettro Brescia S.p.A. - Via Bulloni 36 - 25050 - Camignone di Passirano (Bs) - Tel, +39 030 6850663 Fax +39 030 6850444 email: [info@elettrobrescia.it](mailto:info@elettrobrescia.it)