

H03RN-F

Rubber cables

Polychloroprene or equivalent synthetic elastomer sheathed cables for decorative chains used with designated lampholders.



TECHNICAL DATA

Nominal tension	300/300 V
Conditions of employment	Miniaturised lampholders with 0,5 mm ² . E14 lampholders with 0,75 mm ² In decorative chains for indoor or outdoor use. Single core cables in series lighting as decorative chains for Christmas Tree and similar temporary decorative objects with chain length not exceeding 20 m. use outdoors for temporary periods of short duration.
Type of electrical conductor	Flexible tinned copper
Type of insulation	E14 (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> H03RN-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	Insulation diameter \pm 0,1	Minimum average external diameter	Medium outer diameter \pm 0,2	Electrical resistance 20°C	Approximate weight	CU Factor
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω /km)	(kg/km)	(kg/km)
1x0,50	0,21	0,86	0,60	N/A	0,60	3,6	40,1000	17,47	4,8000
1x0,75	0,21	1,05	0,60	N/A	0,60	3,4	26,7000	19,98	7,2000

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.

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