

H05RN-F (single core)

Rubber cables

Polychloroprene or equivalent synthetic elastomer sheathed cables for decorative chains.



Technical data

Nominal voltage	300/500 V
Applications/Usage conditions	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.
Conductor	Flexible tinned copper
Insulation type	EI4 (EN 50363-1)
Sheath type	EM2 (EN 50363-2-1)
Sheath colour	Black
Operating temperatures	-25° C +60° C
Short circuit temperature	200° C on the conductor (max 5 sec.)
Test voltage	2000 V
Cable markings	ELETTRO BRESCIA IEMMEQU <HAR> H05RN-F
Minimum bending radius	4 times the outer diameter in mobile laying, 3 times in fixed laying.

Standard references

Main standard	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

Cross section	Wires max diameter	Conductor diameter	Core thickness	Core diameter ± 0,1	Sheath thickness	Medium min outer diameter	Medium max outer diameter	Electrical resistance at 20° C	Cable approx. weight	Cu factor
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(Kg/km)
1x0,75	0,210	1,07	0,80	N/A	0,80	4,1	5,2	26,7000	N/A	7,20
1x1,00	0,210	1,23	0,80	N/A	0,80	4,3	5,3	20,0000	N/A	9,60
1x1,50	0,260	1,52	0,80	N/A	0,80	4,5	5,6	13,7000	N/A	14,40

Please refer to the standard series EN 50565 as guide to use for cables with a rated voltage not exceeding 450/750 V - (U0/U) and CEI 20-92 as guide for the handling and warehousing of wooden drums for electric cables.