

Datasheet H05RNH2-F

Version 1/2009

Illumination Flat Cable

Application:

This cable is used in dry, humid and wet locations, as well as outdoors as a clamping cable for standardised lamp holders for the illumination of spaces and gardens.



Construction:

- 1 fine-stranded tinned copper
- 2 ethylene propylene rubber (NR) or styrene-butadiene rubber (SBR) insulation
- 3 polychloroprene (CR) inner sheath
- 4 polychloroprene (CR) outer sheath, green

According to:

DIN VDE 0282
DIN EN 60228 class 5 (construction)
HD 22.6 S2:1994+A1:1999+A2:2004

Technical data:

Nominal voltage U ₀ /U		[V]	300 / 500 Volt
Test voltage		[V] _{AC}	2000
Temperature range	in motion		-25 °C till +50 °C
Operating temperature	short circuit	°C	200
Short circuit time	max.	[sec]	5
Bending radius	min.	x diameter	6
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm ²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall measures appr. mm	Weight appr. kg/km
2 x 1,5	30	30 x 0,26	6,0 x 14,0	130
2 x 2,5	50	50 x 0,26	6,5 x 14,5	145