

H05Z1-K FT (RQ) 300/500 V (CPR)

Perimeter wire

Contact

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Nexans ref.: [13146056-244-25](#)

Country ref.: 0352563

GTIN: 7330000012981

The cable may first be used for robotic lawn moving installation to guide the lawn mover around the garden.

DESCRIPTION

Slingkabel (RQ 1 FT) is a halogen free, HFFR-insulated, connecting cable with one circular, multi stranded tinned copper conductor. The cable is designed according to EN 50525-3-31. The conductor has resistance according to IEC 60228 class 5.

Certification

Certified by INTERTEK SEMKO.

Quality and environmental management system

Certified according to ISO 9001, IRIS, ISO/TS 16949 and ISO 14001.



DECLARATION OF PERFORMANCE

Reaction to fire: D_{ca}-s2,d2,a2
according to EN50575:2014
+A1:2016

STANDARDS

International EN 50525-3-31

National SS EN 50525-3-31



Reaction to fire
D_{ca}-s2,d2,a2



Halogen free
Yes



Rated Voltage U_o/U (Um)
300 / 500 V



Flame retardant
Yes



Operating temp.
0 .. 70 °C

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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CHARACTERISTICS

Construction characteristics

Colour	Green
Conductor material	Tinned copper
Insulation	HFFR
Halogen free	Yes

Dimensional characteristics

Number of cores	1
Conductor cross-section	1 mm ²
Number of core wires (nb x mm Ø)	32 x 0.21 mm Ø
Conductor diameter	1.3 mm
Average insulation thickness	0.6 mm
Nominal outer diameter	2.45 mm
Approximate weight	13.7 kg/km

Electrical characteristics

Max. DC resistance of the conductor at 20°C	20 Ohm/km
Rated Voltage U ₀ /U (Um)	300 / 500 V

Usage characteristics

Length	300 m
Packaging	Reel
Flame retardant	Yes
Operating temperature, range	0 .. 70 °C
Bending factor when installed	4 (xD)

SELLING INFORMATION

Slingkabel (RQ 1 FT) is delivered in specified lengths. The package is marked with manufacturer, type of cable, length and manufacturing date.