

1600203	DATA SHEET	
valid from: 2026-06-16	H05RR-F	

Application

H05RR-F is a tough rubber seated TRS cable for use on hand tools and light weight workshop tools subject to light to medium stress in dry and damp conditions. Continuous, busy movements, usage of these cables in moving cable carriers, respectively on motor drum guidance or under a strain of more than 15 N/mm² is not allowed.

Design

Design	acc. to. EN 50525-2-21
Certification	H05RR-F acc. to EN 50525-2-21 The cable is characterized with the <HAR> HAR-sign or HAR-identification thread.
	Classification of fire behaviour according to EN 13501-6 and EN 50575 (article/dimension range see www.lappkabel.com/cpr)
Conductor	fine wire strands of bare copper, acc. to IEC 60228 resp. EN IEC 60228, class 5
Insulation	rubber compound EI4 acc. to EN 50363-1
Core identification code	colour-coded acc. to VDE 0293-308
Outer sheath	rubber compound EM3 acc. to EN 50363-2-1 colour: black

Electrical properties at 20 °C

Nominal voltage	U ₀ /U: 300/500 V
Test voltage	A / A: 2000 V AC

Mechanical and thermal properties

Minimum bending radius	occasional flexing: 6 x outer diameter
Temperature range	for fixed installation and handling: -25 up to +60° C max. conductor temperature

Tests

General requirements acc. to IEC 60811 resp. EN 60811, EN 50395, EN 50396
These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive).

A part of these cables (see www.lappkabel.com/cpr) are classified in accordance with the EU-Regulation no. 305/2011 (CPR).

Environmental information These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).

Note Trade product, no LAPP product

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