

1600203	DATA SHEET H05RR-F	 LAPP
valid from: 28.09.2021		

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
Conductor	The cable is characterized with the <HAR> HAR-sign or HAR-identification thread.
Insulation	fine wire strands of bare copper, acc. to IEC 60228 resp. EN 60228, class 5
Core identification code	rubber compound EI4 acc. to EN 50363-1
Outer sheath	colour-coded acc. to VDE 0293-308
	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	flexing: 6 x outer diameter
Temperature range	for fixed installation and handling: -25 up to +60 °C max. conductor temperature
Tests	acc. to VDE 0472 and IEC 60811 resp. EN 60811
General requirements	These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)
Environmental information	These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).
Note	Trade product, no Lapp product

AbN
automation

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