

Suggested Copy for Lapp Limited in Farnell Catalogue

Prepared by Matt Ansell – 4th September 2006

H05V-K Single Core

(Farnell: Lapp H05V-K Single Core)

Application

The single core H05 V-K is a flexible non-sheathed cable for internal wiring intended for installation in pipes being on, in and under the plastering as well as in closed installation channels.

Design

Conductor	Cu flexible strands, bare, in acc. to VDE 0295 class 5 HD 383 S2
Core insulation	PVC compound T11 in acc. to VDE 0207 part 4 respectively HD 21
Core identification	in accordance with VDE 0293, HD 21

Electrical properties at 20° C

Working voltage	300 / 500 V
Test voltage	2000 V AC

Mechanical and thermal properties

Minimum bending radius static	6 x cable diameter
Temperature range static	-5 °C up to + 70 °C
Testing	in acc. with VDE 0281, part 1, HD 21.3 passage 4 and 5 and VDE 0472

The single core H05V-K is flame retardant and is tested in acc. with VDE 0482 part 265-2-1 (IEC 60332.1)

The single core H05V-K is in accordance to VDE 0281 part 1 CENELEC HD 21.3 S 2 sections 4 and 5

EC directive This cable confirms to ECD 73/23/EEC (low voltage directive).