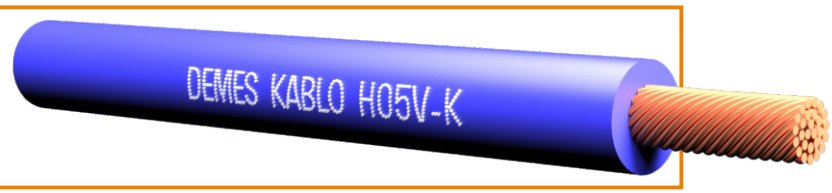

H05V-K

CONSTRUCTION

CONDUCTOR	Fine-Stranded Annealed Copper Conductor (IEC 60228-Class 5)	
INSULATION	PVC Compound	TI1 (EN 50363-3)

PHYSICAL&ELECTRICAL CHARACTERISTICS

MAX. CONDUCTOR TEMPERATURE DURING SHORT CIRCUIT	160°C
NOMINAL VOLTAGE	300/500 V
TEST VOLTAGE	2000 V
OPERATING TEMPERATURE	-30°C ... +70°C
MINUMUM BENDING RADIUS	10 X D

FIRE PERFORMANCE CHARACTERISTICS

FLAME RETARDANT	IEC 60332-1

OTHER CHARACTERISTICS

UV RESISTANCE	ISO 4892-2 / ISO 4892-3
WATER RESISTANCE	AD7

DIMENSIONS

Number of Core and Cross Section Area (mm²)	Approx. Overall Diameter (mm) (±5%)	Approx. Cable Weight (kg/km)	Max. Conductor Resistance DC at 20°C (Ohm/km)
1 x 1,5	2,90	20	13,30
1 x 2,5	3,60	32	7,98
1 x 4	4,10	46	4,95
1 x 6	4,70	65	3,30
1 x 10	6,10	111	1,91
1 x 16	7,20	167	1,21
1 x 25	8,80	257	0,78