

PVC CABLES FOR INDUSTRIAL APPLICATIONS



CONDUCT – PROTECT – INSULATE



We offer our customers cables made from various types of wires and conductors as well as packaged products. Thanks to our flexibility and short delivery times, we are able to deliver quickly. With constant innovation and the development of new products, our focus is on high quality and minimal environmental impact.

Cables for internal cabling



Whether control panels or conduit and trunking systems: We have a wide range of products for internal cabling that meets all application and installation areas in this industrial sector. Depending on the specification, we can offer cables according to UL standards, among others.

Standard product H05V2-U/H07V2-U (EK90)



H05V2-U/H07V2-U is a 90° PVC-insulated solid conductor for fixed installation in pipe or duct systems or as a connection cable in switch cabinets, fittings or similar applications.

Specifications

Temperature range	-30° C / + 90° C
Operating voltage H05 U0/U	300 / 500 V
Operating voltage H07 U0/U	450 / 750 V
CPR class	Eca
Standards	
Conductor	IEC 60228.1
Structure	EN 50252-2-31
Flammability	EN 50575-2014+A1:2016

Structure	
Conductor	Bare copper
Insulation	PVC
Minimum bending radius (fixed installation)	4 x outer diameter
Colors	According to EN 50525-1

Type	Cross section (mm²)	Nominal outside diameter	Current load capacity, outdoor installation, ambient temperature 30°C (A)	Weight (kg/km)
H05V2-U	0,5	2,0	12	9
H05V2-U	0,75	2,2	15	11
H05V2-U	1,0	2,3	19	14
H05V2-U	1,5	2,8	24	20
H05V2-U	2,5	3,4	32	31
H05V2-U	4	3,8	42	46
H05V2-U	6	4,3	54	68
H05V2-U	10	5,4	73	111