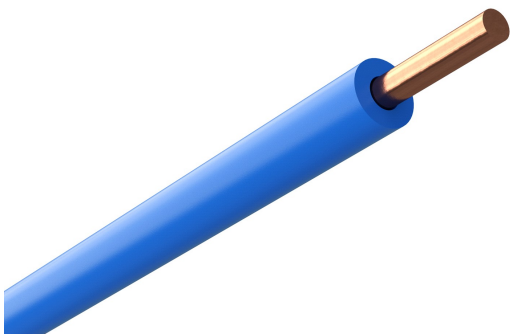


H05Z1-U / H07Z1-U



Applications:

H05Z1-U/H07Z1-U is a 70°C HFFR insulated solid conductor. Suitable for fixed installation. To be installed in conduit or duct systems, or as connection wire to be used in switch cabinets and similar applications.

Properties:

Temperature range	-30 to +70 °C
Voltage Rating H05 Uo/U	300/500V
Voltage Rating H07 Uo/U	450/750V

Standards:

Construction	EN 50525-3-31
Conductor	IEC 60228,1
Flame retardant	EN 50575:2014 + A1:2016
Flame retardant	IEC 60332-1-2
Halogen free	IEC 60754-1, -2
Smoke density	IEC 61034-1, -2

CPR-class Dca- s2, d1, a1

Construction

Conductor	Bare solid copper
Insulation	HFFR
Minimum bending radius, fixed installation	4xOD
Colour	According to EN 50525-1

Type Code	Cross-section [mm]	Nominal Outer Diameter [mm]	Current rating, installation in open air, ambient 30°C [A]	Total weight [kg/km]
H05Z1-U	0,5	2,0	12	9
H05Z1-U	0,75	2,2	15	11
H05Z1-U	1	2,3	19	14
H07Z1-U	1,5	2,8	24	20
H07Z1-U	2,5	3,4	32	31
H07Z1-U	4	3,8	42	47
H07Z1-U	6	4,3	54	66
H07Z1-U	10	5,4	73	112

