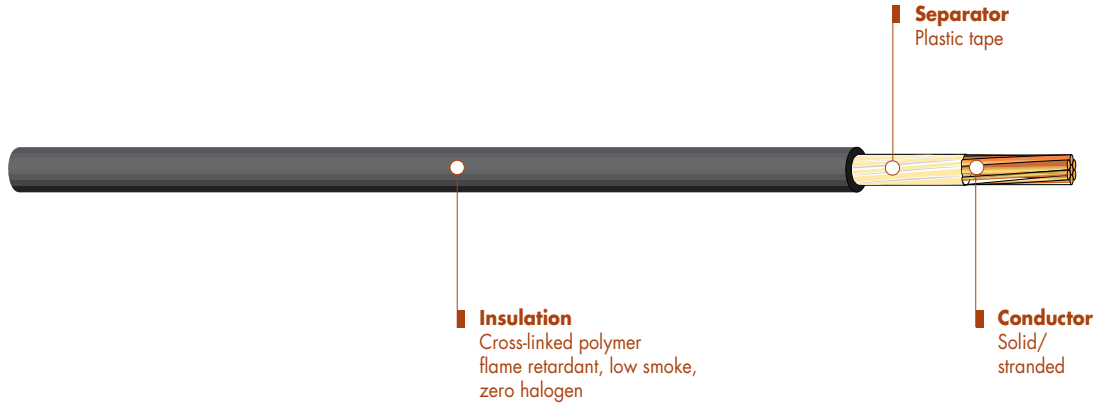
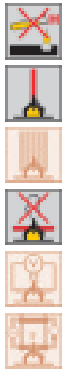


# H07Z-U/R

## Single insulated core

Halogen-free, with improved fire characteristics  
CENELEC HD 22.9



## Product information

### Application

Wiring for switches, distributors, devices and lighting in buildings. Suitable for laying in conduits on or behind plasterwork and in closed installation ducts. Permitted operating temperature at conductor of 90°C.

### Construction

Conductor	Bare copper, solid or stranded IEC 60228, EN 60228, (VDE 0295)
Insulation	Cross-linked polymer CENELEC HD 22.1, HD 22.9
Core colours	Brown, black, grey, blue, green/yellow

### Technical Properties

Rated voltage	450/750V 0.6/1kV for fixed installation
Test voltage	2500V, 50Hz
Operating temperature	-20°C to +90°C

### General Properties

Zero halogen non corrosive gases	IEC 60754-2, EN 50267, VDE 0482-267
Flame retardance	IEC 60332-1, (EN 50265-2-1) New: EN 60332-1, (VDE 0482-265-2-1), New: VDE 0482-332-1
Minimum smoke emission	IEC 61034, (EN 50268), New: EN 61034, (VDE 0482-268), New: VDE 0482-1034

Article No.	No. of cores x cross section	Cu content	Total weight	Outer diameter	Fire load
	n x mm <sup>2</sup>	kg/km	app. kg/km	app. mm	app. kWh/m
	1 x 1,5 RE	15	20	2,5	0,05
	1 x 2,5 RE	24	32	3,4	0,06
	1 x 4 RE	38	47	3,9	0,07
	1 x 6 RE	58	67	4,4	0,08
	1 x 10 RE	96	110	5,6	0,09
	1 x 16 RM	154	167	7,0	0,14
	1 x 25 RM	240	260	8,5	0,18
	1 x 35 RM	336	351	9,6	0,21
	1 x 50 RM	480	478	11,3	0,27
	1 x 70 RM	672	684	12,9	0,32
	1 x 95 RM	912	952	15,1	0,43
	1 x 120 RM	1152	1198	17,1	0,47
	1 x 150 RM	1440	1474	19,0	0,59
	1 x 185 RM	1776	1847	21,3	0,73
	1 x 240 RM	2304	2435	24,0	0,92

Please specify required core colour when ordering. Additional dimensions available on request.