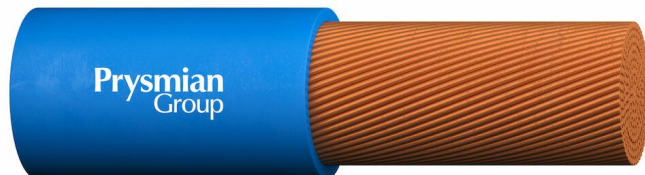


## H07Z-K RQ90C 450/750V CPR E

H07Z-K 450/750V - LSOH flexible insulated cores



Round LSOH flexible insulated core for indoors application. Product consists from crosslinkable LSOH material with better temperature characteristics till 90oC. Can be used in dry premises, for light and medium duties. Installation of the product should only be carried out by personnel trained and qualified for electrical works. The product is designed according to recognized standards. Applicable rules of installation must be applied at all times.

### STANDARDS

**RoHS**



ezü



EN 50525-3-41  
EN 60228  
EN 50363-5  
EN 50575  
EN 60332-1-2  
EN 61034-2

General  
Conductor  
Compound  
Fire performance  
Fire performance  
Fire performance

### CABLE-DESIGN

Conductor category	Class 5 = flexible
Conductor material	Copper
Shape of conductor	Round
Core insulation material	Cross-linked LSOH
Material outer sheath	

### CHARACTERISTICS

Bending radius (rule)	4 x D
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### CHEMICAL PROPERTIES

Silicon free	Yes
Lead free	Yes

## ELECTRICAL & THERMAL PARAMETERS

Nominal voltage U0 [V]	450
Nominal voltage U [V]	750
Test voltage [kV]	2.5
Rated voltage U0/U (Um)	450/750 V
Max. conductor temperature [°C]	90
Laying temperature (min) [°C]	4

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## CABLE PROPERTIES

Basic construction	Shape of conductor	SAP code	Nominal outer diameter [mm]	Cable weight [kg/km]	Short circuit current conductor (1sec) [kA]
1x1,5	Round	20302294	2.91	19	0.22
1x2,5	Round	20302273	3.52	30	0.36
1x6	Round	20302265	4.58	62	0.86
1x10	Round	20302284	6.1	105	1.43
1x16	Round	20309991	7.2	158	2.26
1x25	Round	20309996	8.6	242	3.98
1x35	Round	20309999	9.9	326	5.57