

Power cable

single core, halogen-free

H07Z-R

450/750 V



according VDE 0285-525-3-41.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor category	Class 2 = stranded	
Number of cores	1	
Core insulation material	Polyolefin	
Core identification according to HD 308 S2	Yes	
Core colour	Green/yellow	
Protective conductor	Yes	
Max. conductor temperature	70	°C
Screen	No	
Armouring/reinforcement	None	
Material outer sheath	None	
Colour outer sheath	Colourless	
Reaction-to-fire according to EN 13501-6: Class	Eca	
Halogen free (acc. EN 60754-1/2)	Yes	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	Yes	

Characteristics	Properties	Unit
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Nominal voltage U0	450	V
Nominal voltage U	750	V
Shape of conductor	Round	
Suitable as installation cable	Yes	
Certified for shipboard application	No	
Suitable as medium-voltage cable	No	
Suitable as high-voltage cable	No	
Certified as airport lighting cable	No	
Minimum bending radius	4	x Außen-Ø
max. short circuit temperature	250	°C

Product					Packaging				
Nominal cross section conductor (in mm ²)	Conductor Diameter (in mm)	Conductor resistance at 20 °C (in Ohm/km)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Bruttogewicht pro Paletteinheit (in kg)	Paletteinheit (in m)	Net weight (in kg)
4	4	4.61	5	46.61	Ring	100	582.12	12,000	5
6	6	3.08	5	64.18	Ring	100	600.42	9,000	6
300	300	0.06	26	2,842	Ring, Drum	Cut length			2,842