

Power cable

In-wall installation cable, PVC insulated

NYIF-J

230/400 V



According to VDE 0250 part 201.

Characteristics	Properties	Unit
Conductor material	Copper	
Nominal cross section conductor	1.5	mm ²
Conductor Diameter	1.5	mm
Conductor category	Class 1 = solid	
Conductor resistance at 20 °C	12.1	Ohm/km
Core insulation material	Polyvinyl chloride (PVC)	
Core identification according to HD 308 S2	Yes	
Core colour		
Protective conductor	Yes	
Max. conductor temperature	70	°C
Screen	No	

Characteristics	Properties	Unit
Armouring/reinforcement	None	
Material outer sheath	Rubber	
Colour outer sheath	Other	
Reaction-to-fire according to EN 13501-6: Class	Fca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-40 <=> 70	°C
Nominal voltage U0	230	V
Nominal voltage U	400	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	160	°C
Kerndurchmesser	200	mm
Identification/coding colour core		

Product			Packaging						
Number of cores	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser (in mm)	Bruttogewicht pro Paletteinheit (in kg)	Höhe (in mm)	Paletteinheit (in m)	Net weight (in kg)
3	8	114.01	Ring	50	360	535.85	58	4,500	6
5	11	187.17	Ring	50	390	584.31	94	3,000	9