

Power cable (N)AYY FR



Application: Power cable with improved flame-retardance. For fixed installation indoors, outdoors, in ground and in water.

Construction and technical data:

Standard:	VDE 0276-603 (with ref. to)
Conductor material:	aluminium
Insulation:	PVC DIV 4
Sheathing material:	PVC TM2
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
UV-resistant:	yes
For outdoor use:	yes
Max. temperature at conductor, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Bending radius, fixed installation:	12 x Ø
Meter mark:	yes



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

(N)AYY-J FR IEC

Nominal voltage U_o: 0.6 kV

Nominal voltage U: 1 kV

Maximum permitted operating voltage in 1.2 kV

three-phase systems:

Test voltage: 4 kV

Protective conductor: yes

Core identification: colours acc. to VDE 0293 (HD308)

part no.	part name		RI [Ohm/km]	I _{bl} [A]	I _{be} [A]	R _{bv} [mm]	Ø [mm]	Al	G [kg]
090479	4X240 IEC 332-3-24	SMv	0.125	338	364		61	2784	4930
090480	4X300 IEC 332-3-24	SMv	0.1	400	419		65.5	3480	5890
090320	5X95 IEC 332-3-24	RMv	0.32	186	215	570	47.5	1378	3060

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
I _{be}	Ampacity in ground (20 °C)
R _{bv}	Bending radius, fixed installation
Ø	outer diameter approx.
Al	Aluminium weight (GER)
G	net weight per 1000