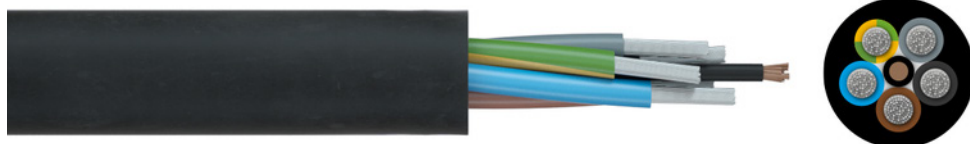


Aluminium rubber cable

07BN4-AF



Application: For installation in dry and wet rooms as well as outdoors at medium mechanical stress. For fixed and flexible connection of electrical tools and appliances. Also suitable for application in wind power generators at medium mechanical stress. A Dekra certificate are available on request.

The cable may be used up to a nominal voltage of 0.6/1 kV with protected and fixed installation.

Construction and technical data:

Standard:	DIN EN 50525-2-21 (VDE 0285-525-2-21) (with reference to)
Conductor material:	aluminium
Conductor construction:	Class 5 = flexible
Insulation:	basic EPR
Sheathing material:	rubber EM7
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	yes
Ozone-resistant:	DIN EN 60811-2-1(A)
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-25 - +80 °C
Bending radius, fixed installation:	6 x Ø
Bending radius, moving application:	8 x Ø



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.

Core identification

Number of cores	
1	white inner sheath
2	-
4	green-yellow, brown, black, grey
5	green-yellow, blue, brown, black, grey

07BN4-AF**Nominal voltage U_o:** 450 V**Nominal voltage U:** 750 V**Test voltage:** 3.5 kV

part no.	part name	RI [Ohm/km]	I _{bl} [A]	I _k [kA]	Ø [mm]	Al	G [kg]
052480	01X70	0.443	206	6.58	20.3	205	530
052481	01X95	0.32	253	8.93	22.8	275.5	671
052262	01X120	0.253	296	11.28	25	348	810
052789	01X150	0.206	343	14.1	27.7	435	929
052277	01X185	0.164	395	17.39	30.3	536.5	1179
052263	01X240	0.125	471	22.56	33.7	696	1465
052926	01X300	0.1	566	28.2	36.5	870	1618
052927	01X400	0.0778	676	37.6	40.8	1160	2071
052675	04G70	0.443	187	6.58	46.3	812	2692
052676	04G95	0.32	227	8.93	51.9	1102	3400
053032	04G120	0.253	282	11.28	56.9	1392	4093
052529	04G150	0.206	304	14.1	64.1	1740	5187
053900	04G185	0.164	358	17.39	70.9	2146	6311
052385	04G240	0.125	409	22.56	80	2784	8055
053228	05G4	7.8	35	0.376	17.2	58	324
052482	05G6	4.61	42	0.564	20	89	482
052483	05G10	3.08	58	0.94	26.2	152	833
052484	05G16	1.91	77	1.504	29.5	230	1066
052386	05G25	1.2	97	23.5	35.1	362.5	1517
052485	05G35	0.868	120	32.9	39.7	508	1910
052528	05G50	0.641	146	4.7	46	725	2577
052387	05G70	0.443	187	6.58	52.2	1022	3327
052700	05G95	0.32	227	8.93	57.5	1378	3945
052388	05G120	0.253	263	11.28	63.9	1740	5014
052472	05G150	0.206	304	14.1	70.6	2175	6100
052908	05G185	0.164	358	17.39	79.1	2683	7209
052909	05G240	0.125	436	22.56	86.7	3480	8814

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
I _k	Short-circuit current (1 s)
Ø	outer diameter approx.
Al	Aluminium weight (GER)
G	net weight per 1000