Amokabel Norway AS
Borgundfjordvegen 129
6017 Ålesund, Norway
www.amokabel.com

GREENLine Power (RZ1-K)



Properties:

Max continuous conductor temp.	+90°C
Temperature range	-40 to +90°C
Voltage Rating Uo/U	0,6/1kV

Standards:

Conductor	IEC 60228,5
Construction	IEC60502-1
	HD603 5AB
Current rating	IEC 60364-5-52
	Table B.52.12
Cold impact test -25C	IEC60811-506
Halogen free	IEC 60754-1
Corrosivity	IEC 60754-2
Smoke	IEC 61034-2
CPR singlecore	Cca
CPR multicore	B2ca

Applications:

GREENLine Power is a halogen free flame retardant 1kV power cable for indoor and outdoor installation. Suitable for installation in the ground in pipes, ducts or direct burial.

Construction	
Conductor	Bare flexible copper cl5
Insulation	XLPE
Filler	Helical lapping tape (fillers if needed)
Outer sheath	HFFR
3-core identification	Yellow/Green, Brown, Blue
4-core identification	Yellow/Green, Brown, Black, Grey
5-core identification	Yellow/Green, Blue, Brown, Black, Grey
Outer sheath colour	Black (Other colours on request)
Bending radius	10 x Outer diameter

Number of cores X conductor cross-section	Nominal outer diameter [mm]	Approx. weight [kg/km]	Current rating @30°C *) [A]	GTIN EAN Code	El-number
1X1,5	5,5	46	21	8436629360713	1051497
1X2,5	5,8	65	29	8436629360720	1051498
1X4	7,5	94	40	8436629360737	1051499
1X6	8,0	116	53	8436629360744	1051500
1X10	9,0	161	74	8436629360751	1051501
1X16	10,0	223	101	8436629360768	1051502
1X25	11,6	318	135	8436629360775	1051503
1X35	12,7	414	169	8436629360782	1051504
1X50	14,3	557	207	8436629360799	1051505
1X70	16,4	777	268	8436629360805	1051506
1X95	18,5	980	328	8436629360812	1051507
1X120	20,1	1237	383	8436629360829	1051508
1X150	22,6	1532	444	8436629360836	1051509
1X185	25,1	1826	510	8436629360843	1051510

*) 1X column 5, 3G column 2, 4G and 5G column 3. Cross-sections outside table 12 current rating per table D.52.1

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Number of cores X conductor cross-section	Nominal outer diameter [mm]	Approx. weight [kg/km]	Current rating @30°C *) [A]	GTIN EAN Code	El-number
1X240	27,4	2386	607	8436629360850	1051511
1X300	32,0	2954	703	8436629360867	1051512
1X400	35,6	3943	823	8436629360874	1051513
1X500	39,7	4910	946	8436629360881	1051514
1X630	45,0	6458	1088	8436629360898	1051515
3G1,5	9,8	146	26	8436629360904	1051516
3G2,5	10,9	194	36	8436629360911	1051517
3G4	12,0	252	49	8436629360928	1051518
3G6	13,1	324	63	8436629360935	1051519
3G10	15,2	473	86	8436629360942	1051520
3G16	17,3	676	115	8436629360959	1051521
3G25	20,8	1004	149	8436629360966	1051522
3G35	23,2	1326	185	8436629360973	1051523
3G50	26,6	1811	225	8436629360980	1051524
3G70	31,3	2581	289	8436629360997	1051525
3G95	36,3	3350	352	8436629361000	1051526
3G120	39,9	4221	410	8436629361017	1051527
3G150	45,7	5367	473	8436629361024	1051528
3G185	51,4	6509	542	8436629361031	1051529
3G240	56,8	8503	641	8436629361048	1051530
3G300	66,8	10763	741	8436629361055	1051531
3G400	74,3	14183	892	8436629361062	1051532
4G1,5	10,6	174	23	8436629361079	1051533
4G2,5	11,8	230	32	8436629361086	1051534
4G4	13,0	304	42	8436629361093	1051535
4G6	14,2	392	54	8436629361109	1051536
4G10	16,6	586	75	8436629361116	1051537
4G16	18,9	844	100	8436629361123	1051538
4G25	22,9	1264	127	8436629361130	1051539
4G35	25,6	1678	158	8436629361147	1051540
4G50	29,6	2315	192	8436629361154	1051541
4G70	35,1	3327	246	8436629361161	1051542
4G95	40,3	4273	298	8436629361178	1051543
4G120	44,6	5427	346	8436629361185	1051544
4G150	51,0	6874	399	8436629361192	1051545
4G185	57,4	8334	456	8436629361208	1051546
4G240	63,4	10910	538	8436629361215	1051547
4G300	74,1	13671	621	8436629361222	1051548
4G400	82,4	18071	745	8436629361239	1051549

*) 1X column 5, 3G column 2, 4G and 5G column 3. Cross-sections outside table 12 current rating per table D.52.1

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Number of cores X conductor cross-section	Nominal outer diameter [mm]	Approx. weight [kg/km]	Current rating @30°C *) [A]	GTIN EAN Code	El-number
5G1,5	11,5	207	23	8436629361246	1051550
5G2,5	12,8	275	32	8436629361253	1051551
5G4	14,2	368	42	8436629361260	1051552
5G6	15,5	476	54	8436629361277	1051553
5G10	18,2	712	75	8436629361284	1051554
5G16	20,8	1032	100	8436629361291	1051555
5G25	25,2	1546	127	8436629361307	1051556
5G35	28,2	2058	158	8436629361314	1051557
5G50	32,9	2864	192	8436629361321	1051558
5G70	39,0	4115	246	8436629361338	1051559
5G95	44,5	5256	298	8436629361345	1051560
5G120	51,3	6918	346	8436629361352	1051561
5G150	56,9	8535	399	8436629361369	1051562
5G185	64,1	10355	456	8436629361376	1051563
5G240	70,7	13555	538	8436629361383	1051564

*) 1X column 5, 3G column 2, 4G and 5G column 3. Cross-sections outside table 12 current rating per table D.52.1