Reeling cable
FABER® Reelingflex

Application: Reeling cables are designed for power supply connections to all types of mobile equipment and vehicles used in quarrying, open-cast mining and other large scale civil engineering operations.
For applications in mining and milling sites, construction plants, industry etc. The cable can also be used as a festoon cable.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	XLPE
Material inner sheath:	polyurethan
Self-supporting element:	Kevlar®
Torsion protection:	polyester braid
Torsion:	+/- 25 °/m
Sheathing material:	polyurethan
Colour of outer sheath:	yellow
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Halogen-free:	yes
Oil-resistant:	EN 60811-2-1
Ozone-resistant:	yes
Max. temperature at conductor, °C:	90 °C
Max. short circuit temperature at conductor, °C:	250 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-30 - +80 °C
Bending radius, fixed installation:	6 x Ø
Bending radius, moving application:	8 x Ø
Maximum tensile strength at the conductor:	25 N/mm²
Operating speed random, m/min.:	180 m/min.
Operating speed festoon, m/min.:	200 m/min.

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.

Reeling Flex

Nominal voltage Uo: 0.6 kV

Nominal voltage U: 1 kV

Test voltage: 3.5 kV

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

part no.	part name	Rl [Ohm/km]	Ibl [A]	Ø [mm]	Cu	G [kg]
037364	03X25 + 3G6 + 2X1.5	0.78	121	27	922	1250
037365	03X35 + 3G6 + 2X1.5	0.554	150	29.3	1210	1550
037366	03X50 + 3G10 + 2X1.5	0.386	182	33.5	1757	2300
037367	03X70 + 3G16 + 2X1.5	0.272	234	38.5	2506	3150
037368	03X95 + 3G16 + 2X1.5	0.206	283	42.5	3226	3850
037369	03X120 + 3G25 + 2X1.5	0.161	329	46.5	4205	5100
037370	03X150 + 3G25 + 2X1.5	0.129	375	54	5357	6100
037371	03X185 + 3G35 + 2X1.5	0.106	428	58.5	6365	7200
037372	03X240 + 3G50 + 2X1.5	0.0801	511	63.5	8381	8950
037373	03X25 + 3G6 + 2X2.5	0.78	121	27	941	1313
037374	03X35 + 3G6 + 2X2.5	0.554	150	29.3	1229	1628
037375	03X50 + 3G10 + 2X2.5	0.386	182	33.5	1776	2415
037376	03X70 + 3G16 + 2X2.5	0.272	234	38.5	2525	3308
037377	03X95 + 3G16 + 2X2.5	0.206	283	42.5	3245	4043
037357	03X120 + 3G25 + 2X2.5	0.161	329	48.5	4224	5540
037378	03X150 + 3G25 + 2X2.5	0.129	375	54	5376	6405
037379	03X185 + 3G35 + 2X2.5	0.106	428	58.5	6384	7560
037941	04G150 + 2x4	0.129	375	57.7	5837	6890
037380	03X240 + 3G50 + 2X2.5	0.0801	511	63.5	8400	9398
037381	04G16	1.21	95	22	614.4	860
037940	03X50 + 3G10 + 2X4	0.386	182	34.4	1805	2231
037944	03x95 + 3G16 + 2x4	0.206	283	42.9	3274	3815
037945	03x150 + 3G25 + 2x4	0.129	375	51.6	5117	5790
037942	03X70 + 3G16 + 4X2.5	0.272	234	38.9	2573	3120
037904	03x120+2G25+2x(2x2.5)	0.161	329	55.1	4032	5490
037823	05G150 + 2X2.5	0.129	375	63.4	7248	8425
037824	05G150 + 3X2.5	0.129	375	64.1	7272	8480
037924	05G150 + 2X4	0.129	375	63.5	7277	8450

Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000

