

## Power cable < 1 kV, for flexible applications EQ-flex CY



<b>Application</b>	<b>: Flexible cable, copper braided. Protects against electromagnetic interference. Colour coded acc. to DIN47100.</b>
<b>TECHNICAL DATA</b>	<b>: TYPE CY</b>
<b>Remarks</b>	<b>: Oil resistant according to EN 50290-2-22 (TM54).</b>
Conductor material	: Copper, bare
Stranding element	: No
Conductor category	: Class 5 = flexible
Core insulation material	: Polyvinyl chloride (PVC)
Suspension element	: None
Inner sheath	: No
Screen over stranding element	: None
Screen	: Yes
Screen over stranding	: Braiding
Model	: Round
Material outer sheath	: Polyvinyl chloride (PVC)
Flame retardant	: In accordance with EN 60332-1-2
Halogen free (acc. EN 60754-1/2)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Low smoke (acc. BS EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Permitted cable outer temperature during assembling/handling	: -5°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -30°C to 70°C
Max. conductor temperature	: 70°C
Nominal voltage U <sub>0</sub>	: 500V
Core protecton	: No
Nominal voltage U	: 500V
Conductor surface	: Bare
Specification core insulation	: Other
	: No
Specification material outer sheath	: Other
	: Round
Shape of conductor	: Round

ProductNr	Dimension	Protective conductor	Core identification	Colour outer sheath	Outer diameter approx. (mm)
1016002	2 x 0.14	No	Colour	Grey	3.7
1016003	3 x 0.14	No	Colour	Grey	3.8
1016004	4 x 0.14	No	Colour	Grey	4.1
1016005	5 x 0.14	No	Colour	Grey	4.6
1016006	6 x 0.14	No	Colour	Grey	4.8
1016007	7 x 0.14	No	Colour	Grey	4.9
1016008	8 x 0.14	No	Colour	Grey	5.3
1016010	10 x 0.14	No	Colour	Grey	5.9
1016012	12 x 0.14	No	Colour	Grey	6.1
1016014	14 x 0.14	No	Colour	Grey	6.4
1016016	16 x 0.14	No	Colour	Grey	7
1016021	21 x 0.14	No	Colour	Grey	7.5
1016025	25 x 0.14	No	Colour	Grey	8.2
1016040	40 x 0.14	No	Colour	Grey	10
1016050	50 x 0.14	No	Colour	Grey	11.1
1016102	2 x 0.25	No	Colour	Grey	4.3
1016103	3 x 0.25	No	Colour	Grey	4.3
1016104	4 x 0.25	No	Colour	Grey	4.8
1016105	5 x 0.25	No	Colour	Grey	5.3
1016106	6 x 0.25	No	Colour	Grey	5.7
1016107	7 x 0.25	No	Colour	Grey	5.8
1016108	8 x 0.25	No	Colour	Grey	6.2
1016110	10 x 0.25	No	Colour	Grey	7.1
1016112	12 x 0.25	No	Colour	Grey	7.3
1016116	16 x 0.25	No	Colour	Grey	8.1
1016121	21 x 0.25	No	Colour	Grey	9
1016124	24 x 0.25	No	Colour	Grey	10.4
1016136	36 x 0.25	No	Colour	Grey	11.8
1016140	40 x 0.25	No	Colour	Grey	12.3
1016150	50 x 0.25	No	Colour	Grey	13.8
1016161	61 x 0.25	No	Colour	Grey	15.3
1016202	2 x 0.34	No	Colour	Grey	4.7
1016203	3 x 0.34	No	Colour	Grey	4.9
1016204	4 x 0.34	No	Colour	Grey	5.4
1016205	5 x 0.34	No	Colour	Grey	5.8
1016206	6 x 0.34	No	Colour	Grey	6.3
1016207	7 x 0.34	No	Colour	Grey	6.4
1016208	8 x 0.34	No	Colour	Grey	7
1016210	10 x 0.34	No	Colour	Grey	7.9
1016212	12 x 0.34	No	Colour	Grey	8.2
1016216	16 x 0.34	No	Colour	Grey	9
1016224	24 x 0.34	No	Colour	Grey	11.7
1016230	30 x 0.34	No	Colour	Grey	12
1016240	40 x 0.34	No	Colour	Grey	14.1

ProductNr	Dimension	Protective conductor	Core identification	Colour outer sheath	Outer diameter approx. (mm)
1016301	1 x 0.5	No	Colour	Grey	3.4
1016392	2 x 0.5	No	Colour	Blue	5.4
1016302	2 x 0.5	No	Colour	Grey	5.4
1016303	3 x 0.5	No	Colour	Grey	5.7
1016394	4 x 0.5	No	Colour	Blue	6.3
1016304	4 x 0.5	No	Colour	Grey	6.3
1016305	5 x 0.5	No	Colour	Grey	6.9
1016306	6 x 0.5	No	Colour	Grey	7.6
1016307	7 x 0.5	No	Colour	Grey	7.6
1016309	8 x 0.5	No	Colour	Grey	7.7
1016312	12 x 0.5	No	Colour	Grey	9.7
1016316	16 x 0.5	No	Colour	Grey	10.6
1016320	20 x 0.5	No	Colour	Grey	11.9
1016324	24 x 0.5	No	Colour	Grey	12.8
1016325	25 x 0.5	No	Colour	Grey	13.3
1016401	1 x 0.75	No	Colour	Grey	5.9
1016492	2 x 0.75	No	Colour	Blue	6
1016402	2 x 0.75	No	Colour	Grey	6
1016493	3 x 0.75	No	Colour	Blue	6.3
1016403	3 x 0.75	No	Colour	Grey	6.3
1016494	4 x 0.75	No	Colour	Blue	6.8
1016404	4 x 0.75	No	Colour	Grey	6.8
1016405	5 x 0.75	No	Colour	Grey	7.6
1016496	6 x 0.75	No	Colour	Blue	8.2
1016406	6 x 0.75	No	Colour	Grey	7.9
1016497	7 x 0.75	No	Colour	Blue	8.2
1016407	7 x 0.75	No	Colour	Grey	8.2
1016408	8 x 0.75	No	Colour	Grey	9
1016410	10 x 0.75	No	Colour	Grey	10.4
1016498	12 x 0.75	No	Colour	Blue	10.7
1016412	12 x 0.75	No	Colour	Grey	10.7
1016414	14 x 0.75	No	Colour	Grey	11
1016418	18 x 0.75	No	Colour	Grey	12.6
1016420	20 x 0.75	No	Colour	Grey	13.8
1016425	25 x 0.75	No	Colour	Grey	15.2
1016430	30 x 0.75	No	Colour	Grey	16.4

ProductNr	Dimension	Protective conductor	Core identification	Colour outer sheath	Outer diameter approx. (mm)
1016592	2 x 1	No	Colour	Blue	6.3
1016502	2 x 1	No	Colour	Grey	6.3
1016593	3 x 1	No	Colour	Blue	6.7
1016503	3 x 1	No	Colour	Grey	6.7
1016594	4 x 1	No	Colour	Blue	7.2
1016504	4 x 1	No	Colour	Grey	7.2
1016505	5 x 1	No	Colour	Grey	8
1016506	6 x 1	No	Colour	Grey	8.6
1016507	7 x 1	No	Colour	Grey	8.6
1016510	10 x 1	No	Colour	Grey	11
1016512	12 x 1	No	Colour	Grey	11.3
1016516	16 x 1	No	Colour	Grey	12.7
1016520	20 x 1	No	Colour	Grey	15.2
1016524	24 x 1	No	Colour	Grey	16.4
1016534	34 x 1	No	Colour	Grey	19.3
1016692	2 x 1.5	No	Colour	Blue	6.9
1016602	2 x 1.5	No	Colour	Grey	6.9
1016603	3 x 1.5	No	Colour	Grey	7.5
1016694	4 x 1.5	No	Colour	Blue	8.1
1016604	4 x 1.5	No	Colour	Grey	8.1
1016605	5 x 1.5	No	Colour	Grey	9
1016607	7 x 1.5	No	Colour	Grey	9.7
1016609	8 x 1.5	No	Colour	Grey	11.3
1016612	12 x 1.5	No	Colour	Grey	13
1016616	16 x 1.5	No	Colour	Grey	14.8
1016618	18 x 1.5	No	Colour	Grey	15.9
1016702	2 x 2.5	No	Colour	Grey	8.7
1016793	3 x 2.5	No	Colour	Blue	9
1016703	3 x 2.5	No	Colour	Grey	9
1016794	4 x 2.5	No	Colour	Blue	9.7
1016704	4 x 2.5	No	Colour	Grey	9.7
1016705	5 x 2.5	No	Colour	Grey	11.3
1016708	8 x 2.5	No	Colour	Grey	14.8
1016804	4 x 4	No	Colour	Grey	11.5
1016904	4 x 6	No	Colour	Grey	14.4
1016905	5 x 6	Yes	Numbers	Grey	15.3