

Vehicle Cable FLY one colour / two colour (old type FLK), according to DIN ISO 6722



Technical data

- Special PVC core insulation
- **Temperature stability**
(3000 h) -25°C to +90°C
- **Nominal voltage** up to 24 V
- **Test voltage** 1 kV (effective value)
- **Breakdown voltage**
5 kV (effective value)
- **Specific volume resistance**
min. 109 Ohm mm

Cable construction

- Bare copper conductor, soft annealed electrolytic copper E-Cu58 F21 according to DIN 40500 part 4 (the mechanical requirements valid for unprocessing single wires)
- Copper conductor fine wire stranded as per DIN ISO 6722 part 3
- PVC core insulation
- For three-colour combinations we produce only on request

Properties

- Oil and fuel resistant as per DIN ISO 6722 part 2

Note

- **Minimum quantities**
Per cross-section and colour combination:
2-colour
0,5 to 2,5 mm² = 3 km
4,0 to 25 mm² = 1 km
3-colour
0,5 to 2,5 mm² = 5 km
4,0 to 25 mm² = 3 km
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

PVC insulated single core cables are used for vehicle constructions.

one colour

Cross-section mm ²	Outer ø min - max	Cop. weight kg / km	Weight ca. kg / km	black	white	blue	og	brown	green	vio	red	pink	ye	grey
Part No. 0,5	2,0 - 2,3	4,8	9,0	29800	40204	40217	40230	40243	40256	40269	40282	40295	40308	40321
Part No. 0,75	2,2 - 2,5	7,2	12,0	29801	40205	40218	40231	40244	40257	40270	40283	40296	40309	40322
Part No. 1	2,4 - 2,7	9,6	15,0	29802	40206	40219	40232	40245	40258	40271	40284	40297	40310	40323
Part No. 1,5	2,7 - 3,0	14,4	20,0	29803	40207	40220	40233	40246	40259	40272	40285	40298	40311	40324
Part No. 2,5	3,3 - 3,6	24,0	32,0	29804	40208	40221	40234	40247	40260	40273	40286	40299	40312	40325
Part No. 4	4,0 - 4,4	38,4	48,0	29805	40209	40222	40235	40248	40261	40274	40287	40300	40313	40326
Part No. 6	4,6 - 5,0	57,6	68,0	29806	40210	40223	40236	40249	40262	40275	40288	40301	40314	40327
Part No. 10	6,0 - 6,5	96,0	117,0	29807	40211	40224	40237	40250	40263	40276	40289	40302	40315	40328
Part No. 16	7,0 - 8,3	154,0	189,0	29808	40212	40225	40238	40251	40264	40277	40290	40303	40316	40329
Part No. 25	9,4 - 10,4	240,0	288,0	29809	40213	40226	40239	40252	40265	40278	40291	40304	40317	40330
Part No. 35	10,8 - 11,6	336,0	382,0	29810	40214	40227	40240	40253	40266	40279	40292	40305	40318	40331
Part No. 50	12,5 - 13,5	480,0	540,0	29811	40215	40228	40241	40254	40267	40280	40293	40306	40319	40332
Part No. 70	14,5 - 15,5	672,0	744,0	29812	40216	40229	40242	40255	40268	40281	40294	40307	40320	40333

Dimensions and specifications may be changed without prior notice.

Continuation ►

Vehicle Cable FLY one colour / two colour (old type FLK), according to DIN ISO 6722

two colour

Cross-section mm ²	Outer ø min - max	Cop. weight kg / km	Weight ca. kg / km	wh/gy	wh/rd	wh/bn	wh/bu	wh/bk	ye/gy	ye/rd	ye/bn	ye/bu	yellow/black
Part No. 0,5	2,0 - 2,3	4,8	9,0	40334	40347	40360	40373	40386	40399	40412	40425	40438	40451
Part No. 0,75	2,2 - 2,5	7,2	12,0	40335	40348	40361	40374	40387	40400	40413	40426	40439	40452
Part No. 1	2,4 - 2,7	9,6	15,0	40336	40349	40362	40375	40388	40401	40414	40427	40440	40453
Part No. 1,5	2,7 - 3,0	14,4	20,0	40337	40350	40363	40376	40389	40402	40415	40428	40441	40454
Part No. 2,5	3,3 - 3,6	24,0	32,0	40338	40351	40364	40377	40390	40403	40416	40429	40442	40455
Part No. 4	4,0 - 4,4	38,4	48,0	40339	40352	40365	40378	40391	40404	40417	40430	40443	40456
Part No. 6	4,6 - 5,0	57,6	68,0	40340	40353	40366	40379	40392	40405	40418	40431	40444	40457
Part No. 10	6,0 - 6,5	96,0	117,0	40341	40354	40367	40380	40393	40406	40419	40432	40445	40458
Part No. 16	7,0 - 8,3	154,0	189,0	40342	40355	40368	40381	40394	40407	40420	40433	40446	40459
Part No. 25	9,4 - 10,4	240,0	288,0	40343	40356	40369	40382	40395	40408	40421	40434	40447	40460
Part No. 35	10,8 - 11,6	336,0	382,0	40344	40357	40370	40383	40396	40409	40422	40435	40448	40461
Part No. 50	12,5 - 13,5	480,0	540,0	40345	40358	40371	40384	40397	40410	40423	40436	40449	40462
Part No. 70	14,5 - 15,5	672,0	744,0	40346	40359	40372	40385	40398	40411	40424	40437	40450	40463

two colour

Cross-section mm ²	Outer ø min - max	Cop. weight kg / km	Weight ca. kg / km	gy/gn	gy/rd	gy/bn	gr/sw	gn/wh	gn/gy	gn/bn	gn/bu
Part No. 0,5	2,0 - 2,3	4,8	9,0	40464	40477	40490	40802	40503	40516	40529	40542
Part No. 0,75	2,2 - 2,5	7,2	12,0	40555	40465	40478	40491	40803	40504	40517	40530
Part No. 1	2,4 - 2,7	9,6	15,0	40543	40556	40466	40479	40492	40804	40505	40518
Part No. 1,5	2,7 - 3,0	14,4	20,0	40531	40544	40557	40467	40480	40493	40805	40506
Part No. 2,5	3,3 - 3,6	24,0	32,0	40519	40532	40545	40558	40468	40481	40494	40806
Part No. 4	4,0 - 4,4	38,4	48,0	40507	40520	40533	40546	40559	40469	40482	40495
Part No. 6	4,6 - 5,0	57,6	68,0	40807	40508	40521	40534	40547	40560	40470	40483
Part No. 10	6,0 - 6,5	96,0	117,0	40496	40808	40509	40522	40535	40548	40561	40471
Part No. 10	6,0 - 6,5	96,0	117,0	40484	40497	40809	40510	40523	40536	40549	40562
Part No. 16	7,0 - 8,3	154,0	189,0	40472	40485	40498	40810	40511	40524	40537	40550
Part No. 25	9,4 - 10,4	240,0	288,0	40563	40473	40486	40499	40811	40512	40525	40538
Part No. 35	10,8 - 11,6	336,0	382,0	40551	40564	40474	40487	40500	40812	40513	40526
Part No. 50	12,5 - 13,5	480,0	540,0	40539	40552	40565	40475	40488	40501	40813	40514
Part No. 70	14,5 - 15,5	672,0	744,0	40527	40540	40553	40566	40476	40489	40502	40814

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Continuation ►

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two colour

Cross-section mm ²	Outer ø min - max	Cop. weight kg / km	Weight ca. kg / km	rd/wh	rd/ye	rd/gy	rd/gn	rd/bu	rd/bk	bn/wh	bn/ye	bn/gn	bn/bk
Part No. 0,5	2,0 - 2,3	4,8	9,0	40568	40581	40594	40607	40620	40633	40646	40659	40672	40685
Part No. 0,75	2,2 - 2,5	7,2	12,0	40569	40582	40595	40608	40621	40634	40647	40660	40673	40686
Part No. 1	2,4 - 2,7	9,6	15,0	40570	40583	40596	40609	40622	40635	40648	40661	40674	40687
Part No. 1,5	2,7 - 3,0	14,4	20,0	40571	40584	40597	40610	40623	40636	40649	40662	40675	40688
Part No. 2,5	3,3 - 3,6	24,0	32,0	40572	40585	40598	40611	40624	40637	40650	40663	40676	40689
Part No. 4	4,0 - 4,4	38,4	48,0	40573	40586	40599	40612	40625	40638	40651	40664	40677	40690
Part No. 6	4,6 - 5,0	57,6	68,0	40574	40587	40600	40613	40626	40639	40652	40665	40678	40691
Part No. 10	6,0 - 6,5	96,0	117,0	40575	40588	40601	40614	40627	40640	40653	40666	40679	40692
Part No. 16	7,0 - 8,3	154,0	189,0	40576	40589	40602	40615	40628	40641	40654	40667	40680	40693
Part No. 25	9,4 - 10,4	240,0	288,0	40577	40590	40603	40616	40629	40642	40655	40668	40681	40694
Part No. 35	10,8 - 11,6	336,0	382,0	40578	40591	40604	40617	40630	40643	40656	40669	40682	40695
Part No. 50	12,5 - 13,5	480,0	540,0	40579	40592	40605	40618	40631	40644	40657	40670	40683	40696
Part No. 70	14,5 - 15,5	672,0	744,0	40580	40593	40606	40619	40632	40645	40658	40671	40684	40697

two colour

Cross-section mm ²	Outer ø min - max	Cop. weight kg / km	Weight ca. kg / km	bu/wh	bu/ye	bu/gn	bu/rd	bk/wh	bk/ye	bk/gn	bk/rd
Part No. 0,5	2,0 - 2,3	4,8	9,0	40698	40711	40724	40737	40750	40763	40776	40789
Part No. 0,75	2,2 - 2,5	7,2	12,0	40699	40712	40725	40738	40751	40764	40777	40790
Part No. 1	2,4 - 2,7	9,6	15,0	40700	40713	40726	40739	40752	40765	40778	40791
Part No. 1,5	2,7 - 3,0	14,4	20,0	40701	40714	40727	40740	40753	40766	40779	40792
Part No. 2,5	3,3 - 3,6	24,0	32,0	40702	40715	40728	40741	40754	40767	40780	40793
Part No. 4	4,0 - 4,4	38,4	48,0	40703	40716	40729	40742	40755	40768	40781	40794
Part No. 6	4,6 - 5,0	57,6	68,0	40704	40717	40730	40743	40756	40769	40782	40795
Part No. 10	6,0 - 6,5	96,0	117,0	40705	40718	40731	40744	40757	40770	40783	40796
Part No. 16	7,0 - 8,3	154,0	189,0	40706	40719	40732	40745	40758	40771	40784	40797
Part No. 25	9,4 - 10,4	240,0	288,0	40707	40720	40733	40746	40759	40772	40785	40798
Part No. 35	10,8 - 11,6	336,0	382,0	40708	40721	40734	40747	40760	40773	40786	40799
Part No. 50	12,5 - 13,5	480,0	540,0	40709	40722	40735	40748	40761	40774	40787	40800
Part No. 70	14,5 - 15,5	672,0	744,0	40710	40723	40736	40749	40762	40775	40788	40801

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