

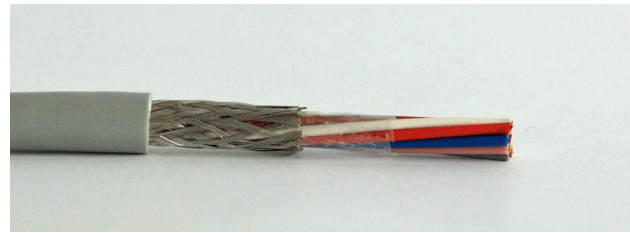
# DESCAFLEX ECO C-300

0,14 mm<sup>2</sup> - 1,50 mm<sup>2</sup>

Halogen-free cables 300 V, Cores according to DIN 47100, shielded

## Application

Halogen-free, flame retardant connecting cable in the electronics, control and control technology, as a pulse and data transmission cable and as a connection cable for telephone and intercom systems, etc.



## Construction

Flexible bare copper conductors, acc. to IEC 60228, class 5  
 except 0,14 mm<sup>2</sup> 18 x 0,10 mm  
 0,34 mm<sup>2</sup> 7 x 0,25 mm  
 Insulation polymer blend (HJ2, VDE 0207, part 23)  
 Coloured cores according to DIN 47100  
 Cores laid up in lays, foil tape over it  
 Shielded by a tinned copper braid, coverage ca. 85 %  
 Sheath polymer blend grey, RAL 7001 (HM2, VDE 0207, part 24)

## Technical Properties

Rated voltage U <sub>0</sub> /U	300 / 300 V
Test voltage	1200 V
- over 0,50 mm <sup>2</sup>	2000 V
Insulation resistance	20 MΩm x km
Temperature range	- 5°C ... + 70°C
- static installation	- 30°C ... + 70°C
Minimum bending radius	10 x cable diameter

## Special Characteristics

Halogen-free/ Proof	IEC 60754-1
Gases corrosivity	IEC 60754-2
Flame retardant	IEC 60332-1-2
Self-extinguishing	IEC 60332-3
Smoke density	IEC 61034-1+2

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
201121	2 x 0,14	3.70	12.00	29.00
201122	3 x 0,14	3.90	13.00	34.00
201123	4 x 0,14	4.20	14.30	38.00
201124	5 x 0,14	4.50	15.50	45.00
201125	6 x 0,14	5.00	18.20	54.00
201126	7 x 0,14	5.00	19.00	56.00
201127	8 x 0,14	5.40	21.20	69.00
201129	10 x 0,14	6.40	28.50	80.00
201131	12 x 0,14	6.60	30.40	87.00
201133	14 x 0,14	6.90	32.00	100.00
201135	16 x 0,14	7.20	43.00	109.00
201136	18 x 0,14	7.90	48.80	125.00
201139	21 x 0,14	8.20	55.50	135.00
201143	25 x 0,14	9.10	63.00	162.00
201145	27 x 0,14	9.10	64.80	170.00
201147	30 x 0,14	9.40	69.00	185.00
201150	34 x 0,14	9.80	79.00	205.00
201153	37 x 0,14	10.20	84.80	220.00
201155	40 x 0,14	10.60	87.50	235.00
201158	44 x 0,14	11.00	110.00	250.00
201161	50 x 0,14	11.60	122.00	300.00
201162	52 x 0,14	11.60	124.00	310.00
201163	56 x 0,14	11.90	137.00	325.00
201165	61 x 0,14	12.50	146.00	347.00
201170	2 x 0,25	4.10	17.50	25.00
201171	3 x 0,25	4.30	22.20	29.00
201172	4 x 0,25	4.80	25.10	38.00
201173	5 x 0,25	5.20	30.20	44.00
201174	6 x 0,25	5.60	31.30	50.00
201175	7 x 0,25	5.60	38.50	53.00
201176	8 x 0,25	6.60	43.20	69.00
201178	10 x 0,25	7.40	47.20	80.00
201180	12 x 0,25	7.60	56.00	87.00
201182	14 x 0,25	7.90	60.80	97.00
201184	16 x 0,25	8.30	65.20	110.00
201185	18 x 0,25	8.90	84.00	127.00
201188	21 x 0,25	9.60	94.20	142.00
201192	25 x 0,25	10.50	115.00	161.00
201194	27 x 0,25	10.50	126.20	169.00

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
201196	30 x 0,25	10.80	133.00	182.00
201199	34 x 0,25	11.40	142.80	208.00
201202	37 x 0,25	11.40	133.40	219.00
201204	40 x 0,25	11.70	158.00	230.00
201207	44 x 0,25	12.80	169.00	250.00
201210	50 x 0,25	13.40	179.00	300.00
201211	52 x 0,25	13.40	185.00	312.00
201212	56 x 0,25	13.90	196.00	323.00
201214	61 x 0,25	14.50	206.20	340.00
201219	2 x 0,34	4.90	23.00	35.00
201220	3 x 0,34	5.20	29.10	42.00
201221	4 x 0,34	5.70	30.20	51.00
201222	5 x 0,34	6.40	32.10	66.00
201223	6 x 0,34	6.90	43.30	76.00
201224	7 x 0,34	6.90	50.00	79.00
201225	8 x 0,34	7.40	54.20	88.00
201227	10 x 0,34	8.60	76.10	109.00
201229	12 x 0,34	9.00	82.30	119.00
201231	14 x 0,34	9.40	88.00	130.00
201233	16 x 0,34	9.90	96.10	150.00
201234	18 x 0,34	10.80	105.00	170.00
201237	21 x 0,34	11.10	118.10	190.00
201241	25 x 0,34	12.30	137.00	222.00
201243	27 x 0,34	12.30	144.20	235.00
201245	30 x 0,34	12.80	161.00	252.00
201248	34 x 0,34	13.90	183.50	300.00
201251	37 x 0,34	13.90	194.00	312.00
201253	40 x 0,34	14.40	202.00	333.00
201256	44 x 0,34	15.40	219.50	361.00
201259	50 x 0,34	16.20	237.00	402.00
201260	52 x 0,34	16.20	248.00	411.00
201261	56 x 0,34	16.70	262.00	439.00
201263	61 x 0,34	17.20	287.00	480.00
201268	2 x 0,50	5.50	31.10	46.00
201269	3 x 0,50	5.90	40.00	53.00
201270	4 x 0,50	6.50	45.20	69.00
201271	5 x 0,50	7.10	53.10	81.00
201272	6 x 0,50	7.60	60.30	96.00
201273	7 x 0,50	7.60	67.00	99.00

## Packaging

cut to desired length

on request

version with UL 21080 CSA AWM I/II A/B approval

# DESCAFLEX ECO C-300

0,14 mm<sup>2</sup> - 1,50 mm<sup>2</sup>

Halogen-free cables 300 V, Cores according to DIN 47100, shielded

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
201276	10 x 0,50	9.80	90.00	140.00
201278	12 x 0,50	10.10	101.30	158.00
201280	14 x 0,50	10.40	112.90	180.00
201282	16 x 0,50	11.30	124.50	210.00
201283	18 x 0,50	11.80	121.80	227.00
201286	21 x 0,50	12.70	159.20	254.00
201290	25 x 0,50	14.00	213.10	310.00
201292	27 x 0,50	14.00	224.00	327.00
201294	30 x 0,50	14.40	232.00	350.00
201297	34 x 0,50	15.10	255.00	384.00
201300	37 x 0,50	15.60	272.00	424.00
201302	40 x 0,50	15.90	290.00	450.00
201317	2 x 0,75	6.20	40.10	61.00
201318	3 x 0,75	6.50	52.30	76.00
201319	4 x 0,75	7.00	61.20	89.00
201320	5 x 0,75	8.20	70.30	100.00
201321	6 x 0,75	8.60	83.00	130.00
201322	7 x 0,75	8.80	103.00	137.00

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
201323	8 x 0,75	9.40	111.20	166.00
201325	10 x 0,75	10.80	132.90	182.00
201327	12 x 0,75	11.10	157.00	211.00
201329	14 x 0,75	11.50	174.00	230.00
201331	16 x 0,75	12.40	185.50	270.00
201332	18 x 0,75	13.60	197.00	320.00
201335	21 x 0,75	13.90	235.00	360.00
201339	25 x 0,75	16.00	283.00	411.00
201366	2 x 1,00	6.40	46.30	70.00
201367	3 x 1,00	6.70	52.10	81.00
201368	4 x 1,00	7.50	73.10	96.00
201369	5 x 1,00	8.40	82.30	122.00
201370	6 x 1,00	8.90	93.10	142.00
201415	2 x 1,50	7.40	63.00	93.00
201416	3 x 1,50	8.10	77.30	115.00
201417	4 x 1,50	8.80	112.00	139.00
201418	5 x 1,50	9.40	132.20	168.00
201419	6 x 1,50	10.60	149.50	203.00

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