

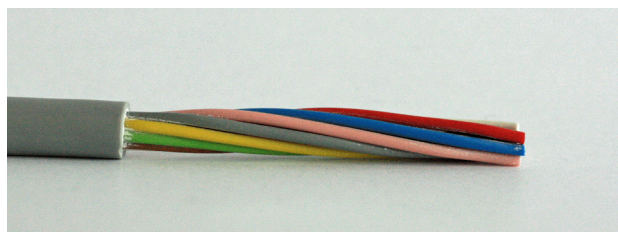
# DESCAFLEX ECO 300

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

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

## 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  
 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  
 - 5°C ... + 70°C  
 Temperature range - 30°C ... + 70°C  
 - static installation  
 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
200801	2 x 0,14	3.20	2.70	14.00
200802	3 x 0,14	3.50	4.00	16.00
200803	4 x 0,14	3.70	5.40	19.00
200804	5 x 0,14	4.00	6.70	22.00
200805	6 x 0,14	4.40	8.10	27.00
200806	7 x 0,14	4.40	9.40	28.00
200807	8 x 0,14	4.80	10.70	32.00
200808	9 x 0,14	5.10	12.10	34.00
200809	10 x 0,14	5.20	13.50	35.00
200811	12 x 0,14	5.60	16.10	38.00
200813	14 x 0,14	6.10	18.80	43.00
200815	16 x 0,14	6.40	21.50	57.00
200816	18 x 0,14	7.00	24.20	67.00
200819	21 x 0,14	7.40	28.20	80.00
200823	25 x 0,14	8.10	33.60	94.00
200825	27 x 0,14	8.50	36.30	98.00
200827	30 x 0,14	8.70	40.30	106.00
200830	34 x 0,14	9.20	45.70	117.00
200833	37 x 0,14	9.40	49.70	124.00
200835	40 x 0,14	9.80	53.80	133.00
200838	44 x 0,14	10.40	59.20	146.00
200841	50 x 0,14	10.80	67.20	160.00
200842	52 x 0,14	10.80	69.90	165.00
200845	61 x 0,14	11.50	82.00	188.00
200850	2 x 0,25	3.70	4.80	21.00
200851	3 x 0,25	4.30	7.20	26.00
200852	4 x 0,25	4.60	9.60	30.00
200853	5 x 0,25	5.00	12.00	36.00
200854	6 x 0,25	5.40	14.40	43.00
200855	7 x 0,25	5.40	16.80	44.00
200856	8 x 0,25	5.80	19.20	50.00
200858	10 x 0,25	6.60	24.00	61.00
200860	12 x 0,25	6.80	28.80	68.00
200862	14 x 0,25	7.10	33.60	76.00
200864	16 x 0,25	7.50	38.40	85.00
200865	18 x 0,25	8.30	43.20	103.00
200868	21 x 0,25	8.60	50.40	113.00
200872	25 x 0,25	9.70	60.00	133.00
200874	27 x 0,25	9.70	64.80	140.00
200876	30 x 0,25	10.00	72.00	151.00
200879	34 x 0,25	10.80	81.60	170.00
200882	37 x 0,25	10.80	88.80	180.00

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
200884	40 x 0,25	11.20	96.00	193.00
200887	44 x 0,25	12.00	105.60	212.00
200890	50 x 0,25	12.50	120.00	235.00
200891	52 x 0,25	12.50	124.80	242.00
200894	61 x 0,25	13.60	146.40	277.00
200899	2 x 0,34	4.50	6.50	28.00
200900	3 x 0,34	5.00	9.80	34.00
200901	4 x 0,34	5.40	13.10	41.00
200902	5 x 0,34	5.80	16.30	48.00
200903	6 x 0,34	6.30	19.60	57.00
200904	7 x 0,34	6.30	22.80	60.00
200905	8 x 0,34	6.80	26.10	68.00
200907	10 x 0,34	7.80	32.60	87.00
200909	12 x 0,34	8.00	39.20	95.00
200911	14 x 0,34	8.50	45.70	107.00
200913	16 x 0,34	9.10	52.20	119.00
200914	18 x 0,34	9.80	58.70	143.00
200917	21 x 0,34	10.40	68.50	158.00
200921	25 x 0,34	11.80	81.60	187.00
200923	27 x 0,34	11.80	88.10	196.00
200925	30 x 0,34	12.00	97.90	213.00
200928	34 x 0,34	12.70	111.00	239.00
200931	37 x 0,34	12.90	120.80	254.00
200933	40 x 0,34	13.50	130.60	273.00
200936	44 x 0,34	14.60	143.60	300.00
200939	50 x 0,34	15.50	163.20	334.00
200940	52 x 0,34	15.50	169.70	344.00
200943	61 x 0,34	16.50	199.10	400.00
200948	2 x 0,50	4.80	9.60	36.00
200949	3 x 0,50	5.50	14.40	42.00
200950	4 x 0,50	5.90	19.20	51.00
200951	5 x 0,50	6.30	24.00	61.00
200952	6 x 0,50	6.90	28.80	74.00
200953	7 x 0,50	6.90	33.60	77.00
200954	8 x 0,50	7.50	38.40	88.00
200956	10 x 0,50	9.00	48.00	115.00
200958	12 x 0,50	9.30	57.60	130.00
200960	14 x 0,50	9.80	67.20	145.00
200962	16 x 0,50	10.50	76.80	172.00
200963	18 x 0,50	11.20	86.40	192.00
200966	21 x 0,50	11.90	100.80	214.00
200970	25 x 0,50	13.50	120.00	258.00

## Packaging

cut to desired length

on request

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

# DESCAFLEX ECO 300

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

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Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
200972	27 x 0,50	13.50	129.60	265.00
200974	30 x 0,50	13.90	144.00	288.00
200977	34 x 0,50	15.00	163.20	323.00
200980	37 x 0,50	15.30	177.60	342.00
200982	40 x 0,50	15.80	192.00	368.00
200997	2 x 0,75	5.60	14.40	44.00
200998	3 x 0,75	5.90	21.60	53.00
200999	4 x 0,75	6.40	28.80	65.00
201000	5 x 0,75	7.00	36.00	79.00
201001	6 x 0,75	7.80	43.20	102.00
201002	7 x 0,75	7.80	50.40	107.00
201003	8 x 0,75	8.60	57.60	122.00
201005	10 x 0,75	10.40	72.00	158.00
201007	12 x 0,75	10.70	86.40	178.00

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
201009	14 x 0,75	11.20	100.80	200.00
201011	16 x 0,75	11.80	115.20	225.00
201012	18 x 0,75	12.40	129.60	251.00
201015	21 x 0,75	13.20	151.20	281.00
201019	25 x 0,75	14.90	187.50	332.00
201046	2 x 1,00	5.80	19.20	51.00
201047	3 x 1,00	6.00	28.80	64.00
201048	4 x 1,00	6.70	38.40	78.00
201049	5 x 1,00	7.20	48.00	93.00
201095	2 x 1,50	6.80	28.80	72.00
201096	3 x 1,50	7.30	43.20	89.00
201097	4 x 1,50	8.20	57.60	118.00
201098	5 x 1,50	9.10	72.00	142.00

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