

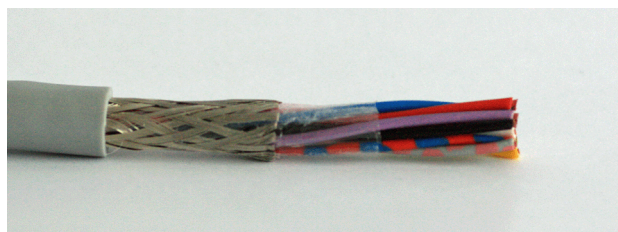
DESCAFLEX ECO C-300 Twist

0,14 mm² - 1,00 mm²

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

Application

Halogen-free, flame retardant connecting cable in the electronics (as sample for computers, printers, etc.), 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 mm² 18 x 0,10 mm
 0,34 mm² 7 x 0,25 mm
 Insulation polymer blend (HJ2, VDE 0207, part 23)
 Coloured cores according to DIN 47100
 Cores twisted into pairs, pairs 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 ₀ /U	300 / 300 V
Test voltage	1200 V
- over 0,50 mm ²	2000 V
Insulation resistance	20 MOhm 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 ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
202461	2 x 2 x 0,14	5.40	18.50	34.00
202462	3 x 2 x 0,14	5.60	23.00	39.00
202463	4 x 2 x 0,14	6.30	26.60	53.00
202464	5 x 2 x 0,14	6.40	30.70	63.00
202465	6 x 2 x 0,14	7.80	48.50	80.00
202466	7 x 2 x 0,14	7.90	51.10	81.00
202467	8 x 2 x 0,14	8.20	53.70	88.00
202468	10 x 2 x 0,14	9.10	59.00	107.00
202469	12 x 2 x 0,14	9.70	66.00	121.00
202470	14 x 2 x 0,14	10.00	72.50	133.00
202472	16 x 2 x 0,14	10.80	79.00	150.00
202473	18 x 2 x 0,14	10.90	83.30	163.00
202475	21 x 2 x 0,14	12.40	102.00	191.00
202477	25 x 2 x 0,14	13.20	113.00	217.00
202493	2 x 2 x 0,25	6.90	29.10	57.00
202494	3 x 2 x 0,25	7.30	40.70	75.00
202495	4 x 2 x 0,25	7.80	46.00	85.00
202496	5 x 2 x 0,25	8.10	58.80	100.00
202497	6 x 2 x 0,25	9.10	70.60	116.00
202498	7 x 2 x 0,25	9.20	74.50	118.00
202499	8 x 2 x 0,25	9.70	78.10	133.00
202500	10 x 2 x 0,25	11.20	103.00	156.00
202501	12 x 2 x 0,25	11.60	121.20	173.00
202502	14 x 2 x 0,25	12.10	134.00	195.00
202504	16 x 2 x 0,25	13.00	147.00	232.00
202505	18 x 2 x 0,25	13.50	161.00	256.00
202507	21 x 2 x 0,25	14.80	201.00	281.00
202509	25 x 2 x 0,25	15.80	233.00	318.00
202525	2 x 2 x 0,34	8.10	36.90	82.00
202526	3 x 2 x 0,34	8.40	44.90	94.00
202527	4 x 2 x 0,34	9.40	54.20	111.00
202528	5 x 2 x 0,34	10.10	63.50	133.00
202529	6 x 2 x 0,34	10.60	73.10	152.00

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
202531	8 x 2 x 0,34	11.60	88.40	174.00
202532	10 x 2 x 0,34	13.30	106.00	223.00
202533	12 x 2 x 0,34	14.10	122.10	251.00
202534	14 x 2 x 0,34	14.90	138.50	281.00
202536	16 x 2 x 0,34	15.70	156.30	311.00
202537	18 x 2 x 0,34	16.40	173.00	344.00
202539	21 x 2 x 0,34	17.40	198.00	380.00
202541	25 x 2 x 0,34	19.10	237.00	483.00
202557	2 x 2 x 0,50	8.70	50.20	93.00
202558	3 x 2 x 0,50	9.10	75.80	112.00
202559	4 x 2 x 0,50	9.80	84.10	134.00
202560	5 x 2 x 0,50	10.60	98.30	161.00
202561	6 x 2 x 0,50	11.00	112.50	185.00
202562	7 x 2 x 0,50	11.00	126.00	190.00
202563	8 x 2 x 0,50	12.30	141.00	230.00
202564	10 x 2 x 0,50	13.30	172.00	272.00
202565	12 x 2 x 0,50	13.90	200.00	308.00
202566	14 x 2 x 0,50	14.50	221.50	346.00
202568	16 x 2 x 0,50	15.90	242.00	386.00
202569	18 x 2 x 0,50	17.00	263.50	472.00
202571	21 x 2 x 0,50	17.90	284.00	524.00
202573	25 x 2 x 0,50	19.40	311.00	599.00
202589	2 x 2 x 0,75	9.40	63.40	114.00
202590	3 x 2 x 0,75	9.60	89.30	139.00
202591	4 x 2 x 0,75	10.70	113.40	167.00
202592	5 x 2 x 0,75	11.30	131.30	202.00
202593	6 x 2 x 0,75	13.40	151.20	255.00
202594	7 x 2 x 0,75	13.60	168.00	262.00
202595	8 x 2 x 0,75	13.80	185.00	290.00
202596	10 x 2 x 0,75	15.20	226.00	347.00
202597	12 x 2 x 0,75	17.70	266.00	393.00
202622	3 x 2 x 1,00	10.90	99.30	151.00

Packaging

cut to desired length

on request

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