

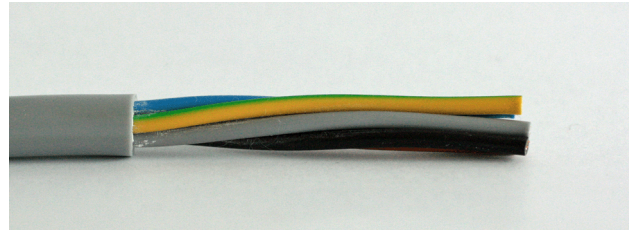
DESCAFLEX ECO 500 CEE

0,50 mm² - 16,00 mm²

Halogen-free cables 500 V, coloured cores according to HD 308 S2

Application

Halogen-free, flame retardant cable used in dry or moist conditions indoors, suitable for fixed installations or for flexible use in conditions of light mechanical stress, as interconnecting cable in mechanical engineering, machine tool and lift construction, in heating and air conditioning systems, refrigerators, office machines and assembly lines and production lines, etc.



Construction

Flexible bare copper conductors, acc. to IEC 60228, class 5
Insulation polymer blend (HJ2, VDE 0207, part 23)
Coloured cores according to HD 308 S2
Cores laid up in lays
Sheath polymer blend grey, RAL 7001 (HM2, VDE 0207, part 24)

Technical Properties

Rated voltage U ₀ /U	300 / 500 V
Test voltage	2000 V
Insulation resistance	20 MΩm x km
Temperature range	- 5°C ... + 70°C
- static installation	- 30°C ... + 70°C
Minimum bending radius	15 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
205000	2 x 0,50	4.90	9.60	41.00
205001	3 x 0,50	5.20	14.40	48.00
205002	4 x 0,50	5.70	19.20	58.00
205003	5 x 0,50	6.50	24.00	69.00
205015	2 x 0,75	5.60	14.40	54.00
205016	3 x 0,75	5.80	21.60	66.00
205017	4 x 0,75	6.40	28.80	78.00
205018	5 x 0,75	6.90	36.00	91.00
205030	2 x 1,00	5.90	19.20	63.00
205031	3 x 1,00	6.20	28.80	75.00
205032	4 x 1,00	6.70	38.40	91.00
205033	5 x 1,00	7.30	48.00	112.00
205045	2 x 1,50	6.50	28.80	79.00
205046	3 x 1,50	6.90	43.20	95.00

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
205047	4 x 1,50	7.40	57.20	118.00
205048	5 x 1,50	8.40	72.00	143.00
205060	2 x 2,50	7.70	48.00	113.00
205061	3 x 2,50	8.30	72.00	138.00
205062	4 x 2,50	9.20	96.00	174.00
205063	5 x 2,50	10.20	120.00	214.00
205074	4 x 4,00	11.00	153.60	299.00
205075	5 x 4,00	12.30	192.00	361.00
205082	4 x 6,00	13.10	230.40	482.00
205083	5 x 6,00	14.60	288.00	584.00
205087	4 x 10,00	16.30	384.00	736.00
205088	5 x 10,00	18.20	480.00	913.00
205093	4 x 16,00	22.00	614.40	1080.00
205094	5 x 16,00	24.70	768.00	1365.00

Packaging

cut to desired length

Packaging

version with SEV CH-N05Z1Z1-K and UL 21089 CSA AWM I/II A/B approvals, see also DESCAFLEX ECO HAR 500 as well