

# DESCAFLEX ECO C-600

4,00 mm<sup>2</sup> - 35,00 mm<sup>2</sup>

Halogen-free cables 600 V, numbered cores, shielded

## 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)  
black with white numbers, 3 cores and above green-yellow included (in the outer lay)  
Cores laid up in lays, foil tape over it  
Shielded by a tinned copper braid, coverage ca. 85% and tinned drain wire  
Sheath polymer blend grey, RAL 7001 (HM2, VDE 0207, part 24)

## 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
207812	4 x 4,00	13.00	249.00	354.00
207823	4 x 6,00	15.20	310.00	480.00
207834	4 x 10,00	18.00	535.00	730.00



## Technical Properties

Rated voltage U <sub>0</sub> /U	600 / 1000 V
Test voltage	2000 V
Insulation resistance	20 MOhm x km
Temperature range	- 5°C ... + 70°C
- static installation	- 30°C ... + 70°C
Minimum bending radius	15 x cable diameter

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
207840	4 x 16,00	22.40	810.00	1080.00
207846	4 x 25,00	26.60	1280.00	1600.00
207852	4 x 35,00	33.80	1690.00	2100.00

## Packaging

cut to desired length

on request

version with SEV CH-N05Z1Z1-K and UL 21089 CSA AWM I/II A/B approvals