

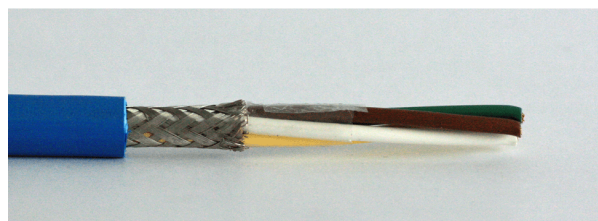
# DESCAFLEX ECO C-300 EIG

0,75 mm<sup>2</sup>

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

## Application

Halogen-free, flame retardant connecting cable for signal, measuring and control purposes in explosion proof installations.



## Construction

Flexible bare copper conductors, acc. to IEC 60228, class 5  
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 blue, RAL 5015 (HM2, VDE 0207, part 24)

## Technical Properties

Rated voltage U <sub>0</sub> /U	300 / 300 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	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
201480	2 x 0,75	6.20	40.10	61.00
201481	3 x 0,75	6.50	52.30	76.00
201482	4 x 0,75	7.00	61.20	89.00
201483	5 x 0,75	8.20	70.30	100.00
201484	6 x 0,75	8.60	83.00	130.00

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
201485	7 x 0,75	8.80	103.00	137.00
201486	8 x 0,75	9.40	111.20	166.00
201488	10 x 0,75	10.80	132.90	182.00
201490	12 x 0,75	11.10	157.00	211.00

## Packaging

cut to desired length