

# DESCAFLEX ECO HAR-300 flat

0,50 mm<sup>2</sup> - 0,75 mm<sup>2</sup>

Halogen-free cables 300 V, H03Z1Z1H2-F flat

## Application

Halogen-free flame retardant electric cables for use in industrial, commercial and domestic premises.



## Construction

Flexible bare copper conductors, acc. to IEC 60228, class 5  
Insulation polymer blend  
Coloured cores according to HD 308 S2  
Sheath polymer blend, white, black or grey

## 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

## Technical Properties

Rated voltage U <sub>0</sub> /U	300 / 300 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

## Standards / Approvals

CENELEC HD 21.14 S1

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
211245	2 x 0,50 wh	3.20 x 5.20	9.60	31.00
211240	2 x 0,50 bk	3.20 x 5.20	9.60	31.00

Part Number	Type n x mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
211247	2 x 0,75 wh	3.40 x 5.60	14.40	33.00
211242	2 x 0,75 bk	3.40 x 5.60	14.40	33.00
211252	2 x 0,75 gr	3.40 x 5.60	14.40	33.00

wh = white   bk = black   gr = grey

## Packaging

Coils of 100 m