

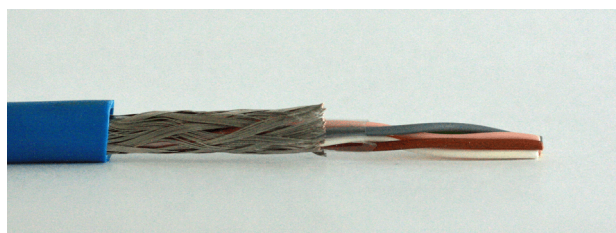
DESCAFLEX ECO C-300 Twist EIG

0,75 mm²

Halogen-free cables 300 V, Cores according to DIN 47100, Twisted Pair, 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 twisted into pairs, pairs 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)

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 ₀ /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

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
202746	2 x 2 x 0,75	9.40	63.40	114.00
202747	3 x 2 x 0,75	9.60	89.30	139.00
202748	4 x 2 x 0,75	10.80	113.40	167.00
202749	5 x 2 x 0,75	11.30	131.30	202.00

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
202750	6 x 2 x 0,75	13.40	151.20	255.00
202752	8 x 2 x 0,75	13.80	185.00	290.00
202753	10 x 2 x 0,75	15.40	226.00	347.00

Packaging

cut to desired length