



Product information

Applications

Flat cable for light and medium mechanical stress.
For connecting components up to max. 10 A.
System checks according to IEC 998-1 and IEC 998-2-3.

Composition

Copper wire	bare, fine-strand in accordance with IEC 60228 Class 5, EN 60228 Class 5
Core insulation	VPE in accordance with CENELEC HD 604, DIN VDE 0276-604 „2X11“, with reference to IEC 60502-1 „XLPE“
Outer sheath	Thermoplastic compound, DIN VDE 250-214 „HM2“
Core colours	grey, black, green-yellow, blue, brown
Sheath colour	yellow

Electrical properties

Rated voltage	0.6/1kV
Testing voltage	3500 V
Operating temperature	-15°C to +70°C

General properties

Zero halogen	IEC 60754-2, EN 50267, VDE 0482-267
non corrosive gases	IEC 60332-1, (EN 50265-2-1) New: EN 60332-1, (VDE 0482-265-2-1), New: VDE 0482-332-1
Flame retardance	IEC 60332-3 cat. C, EN 50266-2-4, DIN VDE 0482-266-2-4
Reduced fire propagation	IEC 61034, (EN 50268), New: EN 61034, (VDE 0482-268), New: VDE 0482-1034
Minimum smoke emission	IEC 61034, (EN 50268), New: EN 61034, (VDE 0482-268), New: VDE 0482-1034
Approval	SEV (Electrosuisse)

Article No.	No. of cores x cross section	Cu Spec.	Sheath Color	Weight	Dimensions	Validation by SEV
	n x mm ²	kg/mm		kg/km	ca. mm	A
187 020 *	5 x 2,5	110	yellow	280	23 x 6	16
187 021 **	5 x 2,5	110	yellow	280	23 x 6	16

* standard assortment

** with longitudinal stripes for distinguishing different circuits