

YELLOWFLEX - connecting cable meter marking



Technical data

- Rubber sheathed cable adapted to DIN VDE 0285-525-2-21 / DIN EN 50525-2-21
- **Temperature range**
flexing -25°C to +60°C
fixed installation -30°C to +60°C
- Permissible **operating temperature** at conductor +60°C
- **Nominal voltage** U₀/U 450/750 V with protected fixed installation U₀/U 600/1000 V
- Highest permissible **operating voltage** in three-phase and one-phase a.c. systems U₀/U 476/825 V in direct current system U₀/U 619/1238 V
- **Test voltage** 2500 V
- **Minimum bending radius**
for fixed installation 4x cable Ø
for guiding over roller 7,5x cable Ø
during winding on drums 5x cable Ø
- **Assembly**
- End 1: Plug
- End 2: 30 mm stripped with wire end ferrule

Cable structure

- Bare copper-conductor, to DIN VDE 0295 cl.5, fine-wire, BS 6360 cl.5, IEC 60228 cl.5
- Core insulation of rubber, EI4 to DIN VDE 0207-363-1 / DIN EN 50363-1
- Core identification to DIN VDE 0293-308
- up to 5 cores coloured
- from 6 cores, black with continuous white numbering
- GN-YE conductor, 3 cores and above
- Cores stranded in layers with optimal lay-length
- Outer sheath of special EM2 to DIN VDE 0207-363-2-1/DIN EN 50363-2-1
- Sheath colour yellow (RAL 1021)
- with meter marking

Properties

- Increased stability
- Tear-resistant

Resistant to

- Atmospheric influences

Largely resistant to

- Oils and fats

Tests

- Behaviour in fire to DIN VDE 0482-332-1-2
DIN EN 60332-2-1, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)

Note

- G = with green-yellow conductor
x = without green-yellow conductor.
- individual marking

Application

These robust rubber sheathed cables can be used where high demands are placed flexibility and mechanical stress. For application in dry, moist and wet rooms and in open air, in steel works and rolling mills in heating and air-conditioning systems, in the bottling industry, in machinery and plant construction, in the chemical industry as well as for the professional and the hobby enthusiast. The choice of yellow as the sheath colour ensures additional safety. Can be used in potentially explosive areas acc. to DIN VDE 0165.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

Part no. orange	Cable type / cross-sec. mm²	Length m	Plug type	Cop. weight kg / 1000 pcs.	AWG-No.
650950	YELLOWFLEX 2 x 1,0	2,0	Central contour connector	38,0	17
650951	YELLOWFLEX 2 x 1,0	3,0	Central contour connector	57,0	17
650952	YELLOWFLEX 2 x 1,0	5,0	Central contour connector	95,0	17
650953	YELLOWFLEX 2 x 1,0	10,0	Central contour connector	190,0	17
650958	YELLOWFLEX 2 x 1,5	2,0	Central contour connector	58,0	16
650959	YELLOWFLEX 2 x 1,5	3,0	Central contour connector	87,0	16
650960	YELLOWFLEX 2 x 1,5	5,0	Central contour connector	145,0	16
650961	YELLOWFLEX 2 x 1,5	10,0	Central contour connector	290,0	16
650954	YELLOWFLEX 3 G 1,0	2,0	PROTECTED PLUG, straight	58,0	17
650955	YELLOWFLEX 3 G 1,0	3,0	PROTECTED PLUG, straight	87,0	17
650956	YELLOWFLEX 3 G 1,0	5,0	PROTECTED PLUG, straight	145,0	17
650957	YELLOWFLEX 3 G 1,0	10,0	PROTECTED PLUG, straight	290,0	17
650962	YELLOWFLEX 3 G 1,5	2,0	PROTECTED PLUG, straight	86,0	16
650963	YELLOWFLEX 3 G 1,5	3,0	PROTECTED PLUG, straight	129,0	16
650964	YELLOWFLEX 3 G 1,5	5,0	PROTECTED PLUG, straight	215,0	16
650965	YELLOWFLEX 3 G 1,5	10,0	PROTECTED PLUG, straight	430,0	16

Dimensions and specifications may be changed without prior notice.