

YELLOWFLEX cold flexible, robust, 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** U_0/U 450/750 V with protected fixed installation U_0/U 600/1000 V
- Highest permissible **operating voltage** in three-phase and one-phase a.c. systems U_0/U 476/825 V in d.c. systems U_0/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

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
- **Individual printing:**
- **Article numbers** for individual printing:
Part no. 37359 for 3G1,5 mm²
Part no. 37360 for 3G2,5 mm²
Part no. 37361 for 5G1,5 mm²
Part no. 37362 for 5G2,5 mm²
- **Usual length:**
500m or 1000m drum
- **Minimum quantity**
500m drum
- price for 500m drum 102,25 Euro
price for 1000m drum 153,40 Euro

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.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².
- individual marking

Application

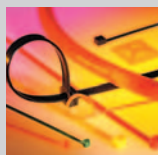
These robust rubber sheathed cables can be used where high demands are placed flexibility and mechanical stress. For application in dry, moist and wet rooms and in open air, in steel works and rolling mills in heating and air-conditioning systems, in the bottling industry, in machinery and plant construction, 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.	No. cores x cross-sec. mm ²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
37259	2 x 1	7,7 - 10,0	19,0	98,0	18
37260	3 G 1	8,3 - 10,7	29,0	131,0	18
37261	4 G 1	9,2 - 11,9	38,0	150,0	18
37262	5 G 1	10,2 - 13,1	48,0	220,0	18
37263	2 x 1,5	8,5 - 11,0	29,0	135,0	16
37264	3 G 1,5	9,2 - 11,9	43,0	165,0	16
37265	4 G 1,5	10,2 - 13,1	58,0	200,0	16
37266	5 G 1,5	11,2 - 14,4	72,0	241,0	16
37267	7 G 1,5	16,5 - 16,5	101,0	375,0	16
37268	12 G 1,5	17,6 - 22,4	175,0	460,0	16
37269	2 x 2,5	10,2 - 13,1	48,0	194,0	14
37270	3 G 2,5	10,9 - 14,0	72,0	235,0	14
37271	4 G 2,5	12,1 - 15,5	96,0	290,0	14
37272	5 G 2,5	13,3 - 17,0	120,0	347,0	14

Part no.	No. cores x cross-sec. mm ²	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
37273	2 x 4	11,8 - 15,1	77,0	282,0	12
37274	3 G 4	12,7 - 16,2	115,0	322,0	12
37275	4 G 4	14,0 - 17,9	154,0	397,0	12
37276	5 G 4	15,6 - 19,9	192,0	486,0	12
37277	4 G 6	15,7 - 20,0	230,0	541,0	10
37278	5 G 6	17,5 - 22,2	288,0	652,0	10
37279	4 G 10	20,9 - 26,5	384,0	952,0	8
37280	5 G 10	22,9 - 29,1	480,0	1203,0	8
37281	4 G 16	23,8 - 30,1	614,0	1260,0	6
37282	5 G 16	26,4 - 33,3	768,0	1550,0	6
37283	4 G 25	28,9 - 36,6	960,0	1860,0	4
37284	5 G 25	32,0 - 40,4	1200,0	2250,0	4
37285	4 G 35	32,5 - 41,1	1344,0	2374,0	2
37286	5 G 35	40,6 - 40,6	1680,0	2752,0	2

Dimensions and specifications may be changed without prior notice. (RF01)



Suitable accessories can be found in Chapter X.
• Cable tie - T-WS



Also available as pre-assembled cable - see page 902.