

YELLOWFLEX cold flexible, robust



Technical data

- Special rubber sheathed cable acc. to DIN VDE 0282 Part 4, HD 22.4 S3
- **Temperature range**
flexing -25°C to +100°C
fixed installation -50°C to +100°C
- Permissible **operating temperature** at conductor +90°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 d.c. systems U₀/U 619/1238 V
- **Test voltage** 3000 V
- **Minimum bending radius**
flexible
up to 12 mm cable Ø: 3x cable Ø
greater than 12 mm cable Ø: 4 x 6 cable Ø

Cable construction

- Bare copper conductor, fine wire to DIN VDE 0295 cl. 5, BS 6360 cl. 5, IEC 60228 cl. 5 and/or HD 383
- Rubber core insulation, EPR/EPDM adapted to DIN VDE 0207 part 20
- Core identification to DIN VDE 0293-308
- Core colours
- Cores stranded in layers with optimal lay-length
- Special outer sheath, cross-linked
- Sheath colour Yellow (RAL 1021)

Properties

- Flame-retardant acc. to DIN VDE 0482, Part 265-2-1/ EN 50265-2-1/ IEC 60332-1 (as per DIN VDE 0472, Part 104 Test Method B)
- High flexibility at low temperatures
- Increased stability
- Tear-resistant
- **Resistant to**
Atmospheric influences
Ozone
Hydrolysis
UV-radiation
- **Largely resistant to**
Oils and fats
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- G = with green-yellow earth core;
x = without green-yellow earth core.

Application

These robust special rubber sheathed cables can be used where high demands are placed on temperature range, flexibility and mechanical stress. For application on construction sites, 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 and painting systems, 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 73/23/EEC and 93/68/EEC.

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
37259	2 x 1	8,4	19,0	98,0	17
37260	3 G 1	9,2	29,0	131,0	17
37261	4 G 1	9,7	38,0	150,0	17
37262	5 G 1	11,0	48,0	220,0	17
37263	2 x 1,5	9,2	29,0	135,0	16
37264	3 G 1,5	9,8	43,0	165,0	16
37265	4 G 1,5	11,5	58,0	200,0	16
37266	5 G 1,5	12,0	72,0	241,0	16
37267	7 G 1,5	16,5	101,0	375,0	16
37268	12 G 1,5	18,3	175,0	460,0	16
37269	2 x 2,5	11,0	48,0	194,0	14
37270	3 G 2,5	11,8	72,0	235,0	14
37271	4 G 2,5	12,7	96,0	290,0	14
37272	5 G 2,5	14,1	120,0	347,0	14
37273	2 x 4	13,0	77,0	282,0	12
37274	3 G 4	14,1	115,0	322,0	12

Part No.	No. cores x cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-No.
37275	4 G 4	15,8	154,0	397,0	12
37276	5 G 4	17,1	192,0	486,0	12
37277	4 G 6	18,2	230,0	541,0	10
37278	5 G 6	19,1	288,0	652,0	10
37279	4 G 10	23,0	384,0	952,0	8
37280	5 G 10	25,8	480,0	1203,0	8
37281	4 G 16	26,3	614,0	1260,0	6
37282	5 G 16	29,1	768,0	1550,0	6
37283	4 G 25	31,7	960,0	1860,0	4
37284	5 G 25	35,2	1200,0	2250,0	4
37285	4 G 35	36,8	1344,0	2374,0	2
37286	5 G 35	40,6	1680,0	2752,0	2

Dimensions and specifications may be changed without prior notice.



Also available as pre-assembled cable - see content R.