



HELUKABEL Bauflex 5G1,5 D-71282 Hemmingen C€

Technical data

- Special PVC core/jacket insulation
 - ÖVE* approved
 - EX-area
 - Cold resistant up to -35°C (K35)
 - **Temperature range**
flexing -35°C to +50°C
fixed installation -40°C to +70°C
 - **Nominal voltage** U₀/U 450/750 V
 - **Test voltage** 2500 V
 - **Insulation resistance**
min. 20 MOhm x km
 - **Minimum bending radius**
approx. 75x cable Ø
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Cable structure

- Plain copper conductors, fine wire stranded
- Special PVC core insulation
- Core coding to DIN VDE 0293 (flexible cables)
- Green-yellow earth core
- Cores stranded in layers with optimal lay-length
- Special PVC outer jacket, colour yellow
- PVC self-extinguishing and flame retardant, test method B according to DIN VDE 0472 part 804 and IEC 60332-1

Advantages

- High tear and oil resistance
- Good abrasion resistance and flexibility
- Good resistance to chemicals

Application

HELUKABEL BAUFLEX can be used in dry or damp conditions both in and outdoors installation as for medium weight to heavy duty appliances. Also suitable for lighting equipment of agricultural operations, in hazardous areas, as connection cable in hobby performances such as electric hand Sanders, lawn mowers and extension cables.

C€ = 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. *)
26070	2x1	7,8	19	75	17
26071	3G1	8,3	29	90	17
26072	4G1	9,3	39	115	17
26073	5G1	10,2	48	140	17
26074	2x1,5	8,7	29	95	16
26075	3G1,5	9,4	43	115	16
26076	4G1,5	10,4	58	145	16
26077	5G1,5	11,5	72	180	16
26078	7G1,5	13,7	101	240	16
26079	12G1,5	16,7	173	375	16
26080	3G2,5	11,1	72	170	14
26081	4G2,5	12,3	96	215	14
26082	5G2,5	13,4	120	260	14

Part No.	No. cores x cross-sec. mm ²	Outer Ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	AWG-no. *)
26083	4G4	14,1	154	348	12
26084	5G4	16,4	192	400	12
26085	4G6	16,7	230	380	10
26086	5G6	18,9	288	550	10
26087	10G6	28,4	579	1115	10
26088	4C10	22,8	384	810	8
26089	5C10	25,7	480	1000	8
26090	4C16	26,2	614	1010	6
26091	5C16	29,1	768	1350	6

*) Note

AWG sizes are approximate equivalent values.
The actual cross-section is in mm² – see page T 15.

G = with green-yellow earth core
X = without green-yellow earth core

PVC cables will be changed to lead free PVC successively.



◀ BAUFLEX printed with customers name.

Please note: we can also have this cable printed with your company name or emblem.

Minimum quantity: 300 m

* (Österreichische Versuchsanstalt der Elektrizitätswerke)