# Front-mounted awning cable

The cable guided front-mounted awning

with square box, 85 mm

Cable-guided, front-mounted awnings made by HELLA, Type front-mounted awning with cable or products with at least equivalent technical features are used.

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| --- | --- |
| Make offered: |  |
| Type offered: |  |

Box

Box 85 square design

Box in 2 parts:

* Box top board and inspection cover made of extruded aluminium.
* Removable inspection cover.
* Dimensions: 85x85 mm
* Installation of the box via the rear box top board, in connection with box bracket or installation profile, that also serves to store the Hirschmann connector.
* Head pieces made of galvanised sheet steel with cover made of aluminium sheet.

Roller tube

Roller tube made of extruded aluminium ø52 mm;

An inspection is possible via a spring-loaded telescopic roller cap.

Cable guiding

Standard: polyamide-sheathed stainless steel cable

Dimension ø2,5 mm

At the lower end, the stainless steel cable is fixed via strainer clamps or tensioning brackets with clamping screws. Cable holders provided at the bottom are optionally available. In the upper area, the wire cable is optimally kept under tension via a press-fitted wire cable bushing and a spring integrated in the box.

Front rail

Downpipe ø35 mm made of extruded aluminium, with inserted weighting steel and plastic end caps, which are guided through the guide cable.

Drive system

Tubular motor with 230V operating voltage, 50 Hz, protective system IP 44. Capacity (W) matched to the size of the unit. Noise emission level <= 70dB(A) according to EN ISO 12100-2:2003. Installed in the drive shaft with integrated limit switches for the upper and lower end position. Thermo protective switch to prevent overheating. As a standard with 3 m cable without Hirschmann connector. At a surcharge 0.5 m cable with Hirschmann connector (STAS 3 with circlip, wired at the motor) and cable socket (STAK 3) for on-site connection.

Alternatively:

Tubular motor with 230V operating voltage, 50 Hz, protective system IP 44 and integrated radio receiver.

Cover

PVC-coated glass fibre fabric, flame-retardant according to DIN 4102-1 B1, with high transparency and opacity. Fabric weight of at least 525g/m². Design selection according to the HELLA collection. Alternative fabric types available in the optional extras.

Surface coating

Powder-coated aluminium parts in the standard colours without surcharge. Special colours according to the brochure “HELLA Colour worlds” for a surcharge.

Mounting material

All screwed connections, fixings, and connections are made of stainless steel A2.

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| Unit: Quantity |  |  |  |
|  | Quantity: ..............pcs. | UP: .............. | TP: .............. |

Optional additional equipment for HELLA cable-guided, front-mounted awning box 85 mm:

(Please select and tick as appropriate)

Motor drive with integrated radio receiver

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| --- | --- |
| Tubular motor drive with 230V operating voltage, 50 Hz, type of enclosure IP 44. Capacity (W) matched to the size of the unit. Noise emission level <= 70dB(A) according to EN ISO 12100-2:2003. Installed in the drive shaft with integrated limit switches for the upper and lower end position. Thermo protective switch to prevent overheating. As a standard with 3 m cable without Hirschmann connector At a surcharge 0.5 m cable with Hirschmann connector (STAS 3 with circlip, wired at the motor) and cable socket (STAK 3) for on-site connection. | [ ] |

Alternative cable holder

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| Fixed bracket length from 39-150 mm, optionally with large base plate and fixing hole pattern for PR façade bolts with 90 mm distance. | [ ] |

Crank handle

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| Optionally with crank drive, horizontal output possible. Including spherical bearing and crank rod, also removable with funnel or eyelet | [ ] |

Installation profile

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| Mounting profile continuous to box length Continuous mounting profile 60x36 mm suitable for box fixing and for stowing the cable and plug coupling. | [ ] |

Fabric glass fibre PVC coated

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| PVC-coated glass fibre fabric, high resistance to tearing, flame resistant, dirt repelling, with high light and thermal protection. Fabric weight of at least 600g/m². Design selection according to the HELLA collection. | [ ] |

Fabric polyester PVC-coated

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| PVC-coated polyester fabric, high resistance to tearing, flame resistant, dirt repelling, with high light and thermal protection. Fabric weight of at least 320g/m². Design selection according to the HELLA collection. | [ ] |

Fabric polyester, PVC-free screen

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| PVC-free with high light and thermal protection. Fabric weight of at least 220g/m². Design selection according to the HELLA collection. | [ ] |

Blackout fabric

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| Polyester fabric or glass fibre fabric PVC coated with darkening layer. Fabric weight of at least 650g/m². Design selection according to the HELLA collection. | [ ] |

Acrylic fabric

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| 100% branded acrylic fabric, light and weather-resistant, dirt and oil repelling, water repelling as well as resistant to tearing and rotting. Fabric weight of at least 280g/m². Design choice according to HELLA collection (for side seam systems only possible as UNI colours). | [ ] |

Polyester

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| --- | --- |
| 100% branded polyester fabric, light and weather-resistant, dirt and oil repelling, water repelling as well as resistant to tearing and rotting. Fabric weight of at least 280g/m². Taped seams as standard. Design choice according to HELLA collection (for side seam systems only possible as UNI colours). | [ ] |

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| --- | --- | --- | --- |
| Unit: Quantity |  |  |  |
|  | Quantity: ..............pcs. | UP: .............. | TP: .............. |