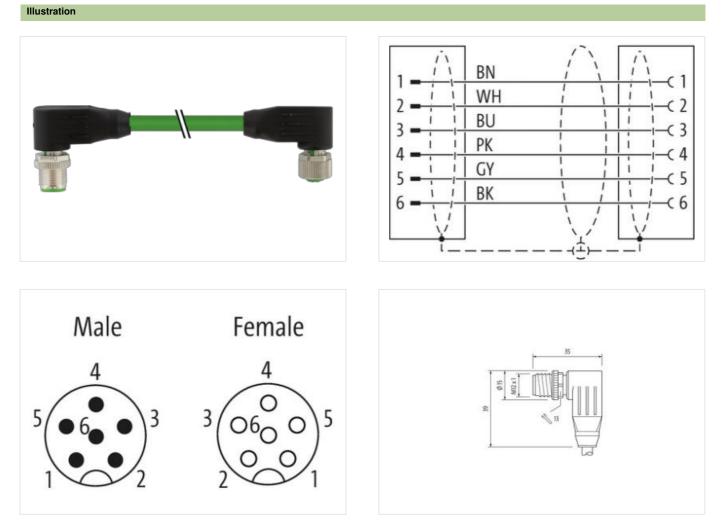


M12 male 90° / M12 female 90° A-cod. shielded

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 4m

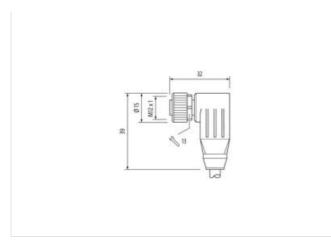
Cube67 Male 90° – female 90° M12 – M12, 6-pole A-coded shielded Hybrid cable Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



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Product may differ from Image



| Coating contact gold plated Family construction form M12 Thread M12 × 1 Coding A Material contact Copper alloy No. of poles 6 Width across flats SW13 Side 2 | Cable length | 4 m |
|--|--------------------------|-------------------|
| Nonting method inserted, screwed Coaling contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Width across flats SW13 Side 2 | Side 1 | |
| Coaling contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Width across flats SW13 Side 2 | Tightening torque | 0,6 Nm |
| Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Width across flats SW13 Side 2 | Mounting method | inserted, screwed |
| Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 With across flats SW13 Side 2 | Coating contact | gold plated |
| Coding A Material contact Copper alloy No. of poles 6 With across flats SW13 Side 2 | Family construction form | M12 |
| Material contact Copper alloy No. of poles 6 Width across flats SW13 Side 2 | Thread | M12 x 1 |
| No. of poles 6 Width across flats SW13 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 | Coding | A |
| Width across flatsSW13Side 2Tightening torque0.6 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM12ThreadM12 x 1CodingAMaterial contactCopper alloyNo. of poles6Commercial dataECLASS-6.027061801ECLASS-6.127060307ECLASS-7.027060307ECLASS-8.027060307ECLASS-9.027060307ECLASS-11.127060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ECLASS-12.027060307ETIM-5.0EC001855customs tariff number85444290 | Material contact | Copper alloy |
| Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.2.0 27060307 ECLASS-8.1.1 27060307 ECLASS-8.1.2.0 27060307 | No. of poles | 6 |
| Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.2 | Width across flats | SW13 |
| Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.2 27060307 ECLASS-1.2 27060307 ECLASS-2.20 <t< td=""><td>Side 2</td><td></td></t<> | Side 2 | |
| Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data 27061801 ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | Tightening torque | 0,6 Nm |
| Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data ECLASS-6.0 ECLASS-6.1 27061801 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | Mounting method | inserted, screwed |
| Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 6 Commercial data 27061801 ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.2.0 27060307 ECLASS-1.2.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | Coating contact | gold plated |
| Coding A Material contact Copper alloy No. of poles 6 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.2.0 27060307 ECLASS-1.2.0 27060307 ECLASS-1.2.0 27060307 | Family construction form | M12 |
| Material contact Copper alloy No. of poles 6 Commercial data E ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECUASS-12.0 27060307 ECUASS-12.0 27060307 ECUASS-12.0 27060307 ECUASS-12.0 27060307 ECUASS-12.0 270 | Thread | M12 x 1 |
| No. of poles 6 Commercial data 27061801 ECLASS-6.0 27060307 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | Coding | A |
| Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | Material contact | Copper alloy |
| ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | No. of poles | 6 |
| ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | Commercial data | |
| ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | ECLASS-6.0 | 27061801 |
| ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | ECLASS-6.1 | 27060307 |
| ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 8544290 | ECLASS-7.0 | 27060307 |
| ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | ECLASS-8.0 | 27060307 |
| ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 85444290 | ECLASS-9.0 | 27060307 |
| ECLASS-12.0 27060307 ETIM-5.0 EC001855 customs tariff number 8544290 | ECLASS-10.1 | 27060307 |
| ETIM-5.0 EC001855 customs tariff number 85444290 | ECLASS-11.1 | 27060307 |
| customs tariff number 85444290 | ECLASS-12.0 | 27060307 |
| | ETIM-5.0 | EC001855 |
| GTIN 4048879140102 | customs tariff number | 85444290 |
| | GTIN | 4048879140102 |

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| Packaging unit | 1 |
|--|---|
| Electrical data Supply | |
| Operating voltage AC max. | 30 V |
| Operating voltage DC max. | 30 V |
| Operating voltage AC (UL-listed) | 30 V |
| Operating voltage DC (UL-listed) | 30 V |
| Current operating per contact max. | 4 A |
| | |
| Diagnostics | |
| Status indication LED | no |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP65, IP67 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,8 kV |
| Material group (IEC 60664-1) | I |
| Mechanical data | |
| Contour for corrugated hose | without |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Material gasket | FKM |
| Locking material | Zinc die-casting |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed, Shaking protection |
| Environmental characteristics Climatic | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| Important installation notes | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Installation Cable | |
| STOOW style jacket | Hybrid, Signal, Data |
| Cable identification | 802 |
| Jacket Color | green |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 2 wires twisted |
| Amount stranding (type 2) | |
| Stranding (type 2) | 4 wires with Stranding combination with 3 Filler twisted |
| Cable shielding (type) | copper braid, tinned |
| | 80 % |
| Cable shielding (coverage) | |
| Banding | Fleece |
| Filler | yes |
| wire arrangement | (gray, pink), blue, white, brown, black |
| Cable weigth | 77 g/m |
| Material jacket | PUR |
| Freedom from ingredients (jacket) | lead-free, CFC-free, halogen-free |
| Outer-diameter (jacket) | 6,6 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | РР |

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| Amount wires | 4 |
|---|--|
| Outer diameter insulation | 1,4 mm |
| Outer diameter tolerance core insulation | ±5% |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire) | 64 |
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,5 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Material wire insulation (Data) | PP |
| Outer diameter wire insulation (Data) | 1,1 mm |
| Tolerance outer diameter wire insulation (data) | ±5% |
| Ingredient freeness wire insulation (Data) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount wires (Data) | 2 |
| Amount strands wire (Data) | 32 |
| Diameter of single wires (Data) | 0,1 mm |
| Conductor crosssection wire (Data) | 0,25 mm ² |
| Material conductor wire (Data) | Stranded copper wire, bare |
| Wire conductor type (Data) | strand class 6 |
| Traversing distance (C-track) | 10 m @ 25 °C |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 6,3 A |
| Current load capacity min. Wire (Data) | 3,2 A |
| Electrical resistance line constant wire | 39 Ω/km @ 20 °C |
| Electrical resistance coating wire (Data) | 79 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 1,5 kV @ 60 s |
| Electric inductivity line constant | 0,65 mH/km |
| Electrical capacity line constant (wire - wire) | 63000 pF/km |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV @ 60 s |
| AC withstand voltage (wire - shield) | 1,2 kV @ 60 s |
| Loop resistance | 2000 MΩ × km |
| Min. operating temperature (static) | -50 °C |
| Max. operating temperature (fixed) | 90 °C |
| Operating temperature min. (dynamic) | -30 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| Travel speed (C-track) | 5 Mio. @ 25 °C |
| Torsion stress | ± 180 °/m |

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