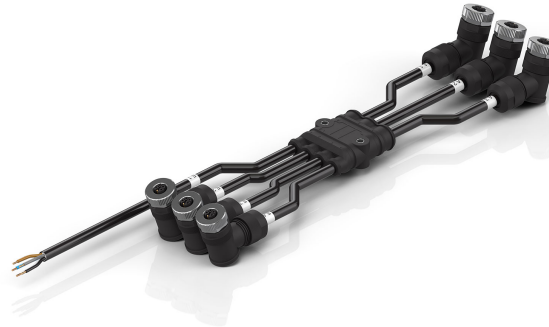


ZC2000-0000-0035 | Splitter cable, for XPlanar tile APS4322-0000-0000, 1 x 6 layout, PVC, fixed installation



M12, socket, angled, female, 5-pin (4+PE), K-coded – M12, socket, angled, female, 5-pin (4+PE), K-coded – open end, 5-wire – M12, socket, angled, female, 5-pin (4+PE), K-coded – M12, socket, angled, female, 5-pin (4+PE), K-coded – M12, socket, angled, female, 5-pin (4+PE), K-coded – M12, socket, angled, female, 5-pin (4+PE), K-coded



Plugs

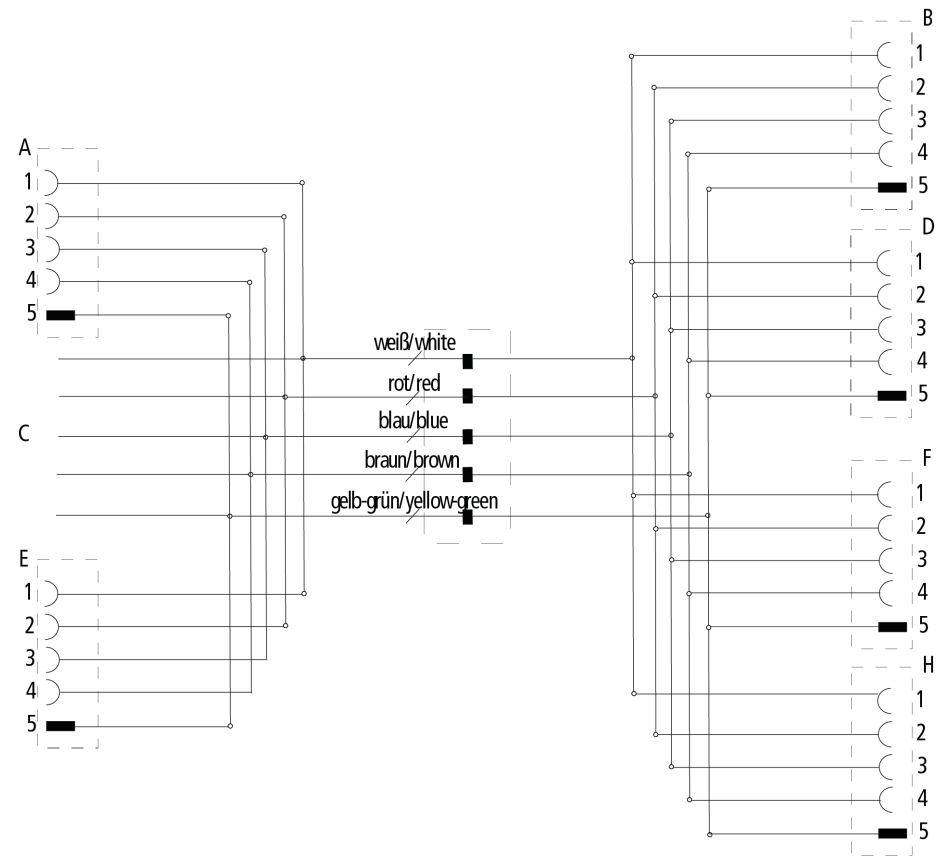
| Electrical data | Head A | Head B | Head C | Head D | Head E | Head F | Head H |
|----------------------------|---|---|----------|---|---|---|---|
| Rated voltage | 630 V AC/DC (according to IEC 61076-2-111) | 630 V AC/DC (according to IEC 61076-2-111) | - | 630 V AC/DC (according to IEC 61076-2-111) | 630 V AC/DC (according to IEC 61076-2-111) | 630 V AC/DC (according to IEC 61076-2-111) | 630 V AC/DC (according to IEC 61076-2-111) |
| Rated current | 12 A at 40 °C (according to IEC 61076-2-111) | 12 A at 40 °C (according to IEC 61076-2-111) | - | 12 A at 40 °C (according to IEC 61076-2-111) | 12 A at 40 °C (according to IEC 61076-2-111) | 12 A at 40 °C (according to IEC 61076-2-111) | 12 A at 40 °C (according to IEC 61076-2-111) |
| Rated impulse voltage | 6.0 kV | 6.0 kV | - | 6.0 kV | 6.0 kV | 6.0 kV | 6.0 kV |
| Shielding | no | no | - | no | no | no | no |
| Insulation resistance | ≥ 100 GΩ (according to IEC 60512) | ≥ 100 GΩ (according to IEC 60512) | - | ≥ 100 GΩ (according to IEC 60512) | ≥ 100 GΩ (according to IEC 60512) | ≥ 100 GΩ (according to IEC 60512) | ≥ 100 GΩ (according to IEC 60512) |
| Mechanical data | | | | | | | |
| Accessories type | Coupling | Coupling | - | Coupling | Coupling | Coupling | Coupling |
| Installation size | M12 | M12 | open end | M12 | M12 | M12 | M12 |
| Connector type | socket | socket | - | socket | socket | socket | socket |
| Configuration | angled | angled | - | angled | angled | angled | angled |
| Contact type | female | female | - | female | female | female | female |
| Number of positions (face) | 5-pin (4+PE) | 5-pin (4+PE) | 5-wire | 5-pin (4+PE) | 5-pin (4+PE) | 5-pin (4+PE) | 5-pin (4+PE) |
| Coding | K-coded | K-coded | - | K-coded | K-coded | K-coded | K-coded |
| Wire termination | screw connection | screw connection | - | screw connection | screw connection | screw connection | screw connection |
| Recommended torque, nut | 0.6 Nm | 0.6 Nm | - | 0.6 Nm | 0.6 Nm | 0.6 Nm | 0.6 Nm |
| Mating cycles | ≥ 100 | ≥ 100 | - | ≥ 100 | ≥ 100 | ≥ 100 | ≥ 100 |
| Way of locking | screw | screw | - | screw | screw | screw | screw |
| Body color | black | black | - | black | black | black | black |
| Body material | PA | PA | - | PA | PA | PA | PA |

| | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|
| Coupling nut material | PA | PA | - | PA | PA | PA | PA |
| Contact carrier color | black | black | - | black | black | black | black |
| Contact carrier material | PA, UL 94 V-0 | PA, UL 94 V-0 | - | PA, UL 94 V-0 | PA, UL 94 V-0 | PA, UL 94 V-0 | PA, UL 94 V-0 |
| Contact plating | Au | Au | - | Au | Au | Au | Au |
| Contact material | CuZn | CuZn | - | CuZn | CuZn | CuZn | CuZn |
| Max. wire cross-section | AWG16 (1.5 mm ²) with wire end ferrule, AWG14 (2.5 mm ²) without wire end ferrule | AWG16 (1.5 mm ²) with wire end ferrule, AWG14 (2.5 mm ²) without wire end ferrule | - | AWG16 (1.5 mm ²) with wire end ferrule, AWG14 (2.5 mm ²) without wire end ferrule | AWG16 (1.5 mm ²) with wire end ferrule, AWG14 (2.5 mm ²) without wire end ferrule | AWG16 (1.5 mm ²) with wire end ferrule, AWG14 (2.5 mm ²) without wire end ferrule | AWG16 (1.5 mm ²) with wire end ferrule, AWG14 (2.5 mm ²) without wire end ferrule |
| Max. cable outer diameter | 8.0...13.0 mm | 8.0...13.0 mm | - | 8.0...13.0 mm | 8.0...13.0 mm | 8.0...13.0 mm | 8.0...13.0 mm |
| Environmental data | | | | | | | |
| Special features | It is possible to turn and fix the contact carrier in 5 different 72° positions | It is possible to turn and fix the contact carrier in 5 different 72° positions | - | It is possible to turn and fix the contact carrier in 5 different 72° positions | It is possible to turn and fix the contact carrier in 5 different 72° positions | It is possible to turn and fix the contact carrier in 5 different 72° positions | It is possible to turn and fix the contact carrier in 5 different 72° positions |
| Ambient temperature (operation) | -40...+85 °C, -40...+185 °F | -40...+85 °C, -40...+185 °F | - | -40...+85 °C, -40...+185 °F | -40...+85 °C, -40...+185 °F | -40...+85 °C, -40...+185 °F | -40...+85 °C, -40...+185 °F |
| Protection rating | IP67 in screwed condition (according to IEC 60529) | IP67 in screwed condition (according to IEC 60529) | - | IP67 in screwed condition (according to IEC 60529) | IP67 in screwed condition (according to IEC 60529) | IP67 in screwed condition (according to IEC 60529) | IP67 in screwed condition (according to IEC 60529) |
| Pollution level | 3 | 3 | - | 3 | 3 | 3 | 3 |
| Application Note | Robust and high power transmission up to 12 A and 630 V for AC and DC applications | Robust and high power transmission up to 12 A and 630 V for AC and DC applications | - | Robust and high power transmission up to 12 A and 630 V for AC and DC applications | Robust and high power transmission up to 12 A and 630 V for AC and DC applications | Robust and high power transmission up to 12 A and 630 V for AC and DC applications | Robust and high power transmission up to 12 A and 630 V for AC and DC applications |

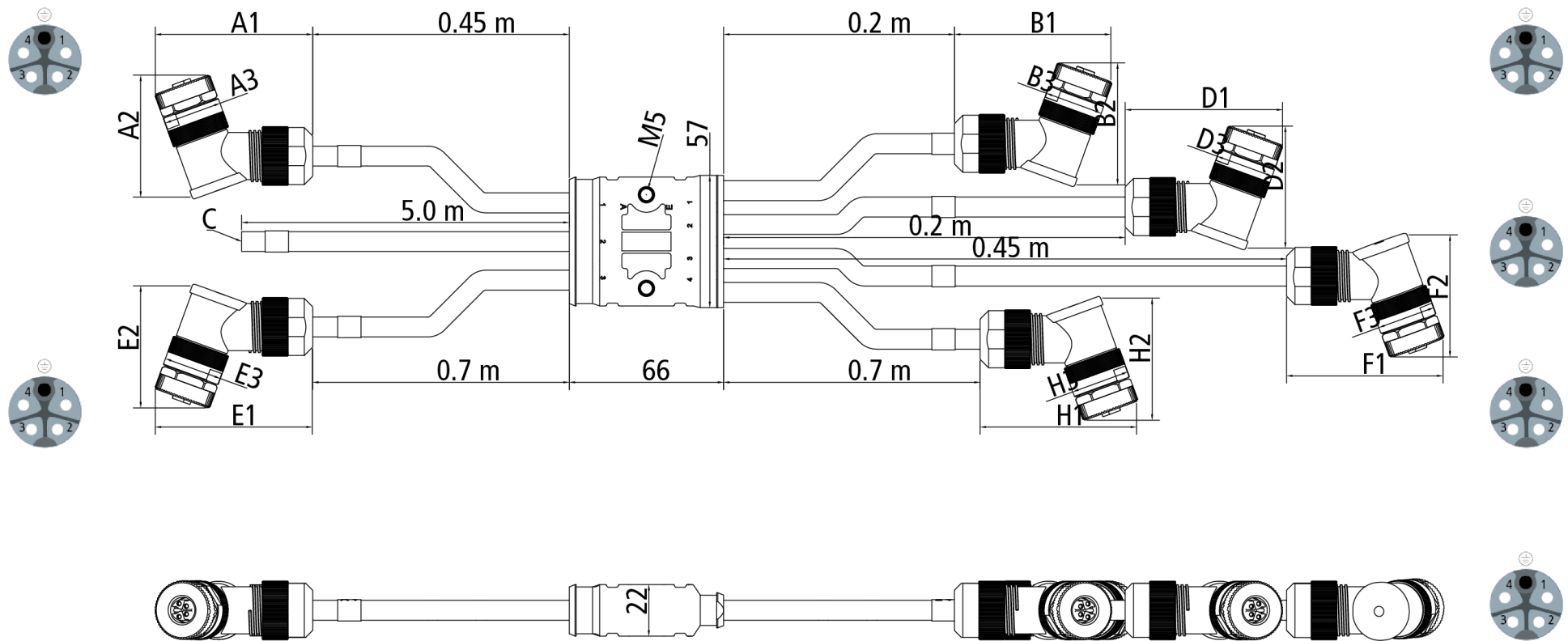
Cable

| Electrical data | |
|---|--|
| Rated voltage | 300 V (according to UL 758/1581) |
| Wire resistance (power) | 1.50 mm ² : ≤ 13.3 Ω/km, 0.75 mm ² : ≤ 26.0 Ω/km |
| Test voltage | 4000 V |
| Mechanical data | |
| Conductor construction (power) | 1.50 mm ² : 84 x 0.15 mm, 0.75 mm ² : 42 x 0.15 mm |
| Cross-section | 2 x 0.75 mm ² (AWG18) + 3 x 1.5 mm ² (AWG16) |
| Min. bending radius, moved | 12 x outer cable diameter |
| Min. bending radius, fixed installation | 5 x outer cable diameter |
| Outer cable diameter | 8.5 mm ± 0.2 mm (0.3346" ± 0.0079") |
| Shielding | no |
| Use | fixed installation |
| UL-Style | 1731 |
| Jacket color | black |
| Material jacket | PVC (polyvinyl chloride) |
| Wire color code | 1.50 mm ² : brown, blue, green/yellow 0.75 mm ² : white, red |
| Wire insulation material | PVC (polyvinyl chloride) |
| Environmental data | |
| Operation temperature range, moved | -5...+105 °C, 23...+221 °F |
| Operation temperature range, fixed installation | -30...+105 °C, -22...+221 °F |
| RoHS compliant | yes |
| Application Note | This cable is used for the various XPlanar splitter cables to supply power to the XPlanar tiles APS4322-0000-0000 in the 2 x 2, 2 x 3 or 1 x 6 layout. |

Contact assembly



Dimensions



| | |
|----|---------|
| A1 | 67.0 mm |
| A2 | 49.0 mm |
| A3 | 25.0 mm |
| B1 | 67.0 mm |
| B2 | 49.0 mm |
| B3 | 25.0 mm |
| D1 | 67.0 mm |
| D2 | 49.0 mm |

| | |
|----|---------|
| D3 | 25.0 mm |
| E1 | 67.0 mm |
| E2 | 49.0 mm |
| E3 | 25.0 mm |
| F1 | 67.0 mm |
| F2 | 49.0 mm |
| F3 | 25.0 mm |
| H1 | 67.0 mm |
| H2 | 49.0 mm |
| H3 | 25.0 mm |

Notes

- The following length tolerances apply: 2-3 %
- Illustrations similar

CE, UL

| | |
|----|-----|
| CE | yes |
|----|-----|

Ordering information

Length

| | |
|------------------|----------------------------------|
| ZC2000-0000-0035 | 2 x 0.2 m, 2 x 0.45 m, 2 x 0.7 m |
|------------------|----------------------------------|



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