



All dimensions are in mm; tolerances according to ISO 2768 m-H

**Description**

With this cable connection a 7/8" flexible coaxial cable can be connected with a shielded 2 x 16 mm<sup>2</sup> cable. The cable connection is water proof and UV-protected.

**Documents**

Assembly instruction SLPCC-C05

**Material and plating**

**Connector parts**

|                             | Material | Plating                      |
|-----------------------------|----------|------------------------------|
| Center contact              | Brass    | White bronze(e.g. Optalloy®) |
| Outer contact               | Brass    | White bronze(e.g. Optalloy®) |
| Body                        | Brass    | White bronze(e.g. Optalloy®) |
| Insulation                  | PTFE     |                              |
| Gaskets                     | Silicone |                              |
| Cable gland (feeder side)   | Brass    | White bronze(e.g. Optalloy®) |
| Cable gland (power cable)   | Brass    | Nickel, 2.5-5 µm             |
| Clamping cage (power cable) | PA       |                              |

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**Electrical data**

Current handling (40 °C ambient temp.) 40 A  
 Surge current handling 50 kA, 10/350 µs test pulse  
 Working voltage 60 V DC  
 - Limitations are possible due to the used cable type -

**Mechanical data**

Cable captivation ≥ 1.0 kN

**Environmental data**

Temperature range -40 °C to +85 °C  
 Rapid change of temperature DIN EN 122190, Sub-clause 4.6.7  
 Corrosion resistance DIN EN 122190, Sub-clause 4.6.10  
 Vibration DIN EN 122190, Sub-clause 4.6.3  
 Damp heat DIN EN 122190 , Sub-clause 4.6.6  
 Degree of protection (mated pair) IEC 60529, IP67  
 RoHS compliant

**Suitable cables**

Feeder side: RosenbergerSLinkTM 7/8"R (recommended)  
 Leoni 7/8" R  
 RFS LCF 78/50  
 Andrew LDF 5-50A  
 Draka RFA 7/8-50  
 Acome HPL50-7/8  
 Eupen 5228  
 LS 22D  
 Power side: NYCWY 2 x 16 re/16 (recommended)  
 (further cables will be tested)

**Packing**

Standard 1 pcs in box  
 Weight 445.4 g/pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

|  |            |                |            |   |                           |              |               |  |
|--|------------|----------------|------------|---|---------------------------|--------------|---------------|--|
| Draft  | Date       | Approved       | Date       | Rev.  | Engineering change number | Name         | Date          |  |
| Martin Wimmer  | 29.04.2013 | J. Peteranderl | 20.01.2014 | 500   | 13-v659                   | S. Krautenb. | 20.01.14      |  |
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