



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

Description

With this cable connection a 1/2" flexible coaxial cable can be connected with a coaxial power cable with conductor size between 4 mm² and 10 mm². The cable connection is water proof and UV-protected.

Documents

Assembly instruction SLPCC-C03

Material and plating

Connector parts

- Center contact
- Outer contact
- Body
- Insulation
- Gaskets
- Cable gland (feeder side)
- Cable gland (power cable)
- Clamping cage (power cable)

Material

- Brass
- Brass
- Brass
- PTFE
- Silicone
- Brass
- Brass
- PA

Plating

- Silver, 3-6 µm
- White bronze(e.g. Optalloy®)
- White bronze(e.g. Optalloy®)
- White bronze(e.g. Optalloy®)
- Nickel, 2.5-5 µm

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Electrical data

Current handling (40 °C ambient temp.) 40 A *tbt*
 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 ≥ 200 N

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 1/2"R (recommended)
 Leoni 1/2" R
 RFS LCF 12-50
 Andrew LDF4-50A
 Draka RFA 1/2-50
 Acome HPL50-1/2
 Eupen 5128
 LS 12D

Power side: Rosenberger SL1C4MM2LSZH-S-BK
 Rosenberger SL1C6MM2LSZH-S-BK
 Rosenberger SL1C10MM2LSZH-S-BK

Weight

Weight 196 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
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