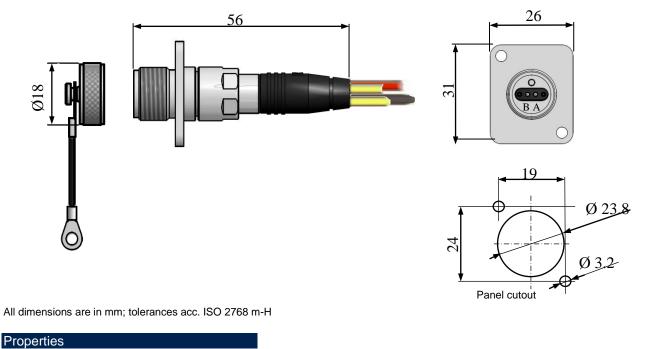
### **Technical Data Sheet**

# RQC Hybrid Connector (XLR Receptacle)

## Rosenberger

98 RQCK 780-XXX



Rosenberger Quad Connector (RQC), hybrid type, 2 singlemode or multimode fibers and 2 electrical contacts, socket type with XLR flange, 2+2 simplex cables, with undetachable protection cap.

#### Interface

No Standard

#### Material for connectors

Ferrule : Body : Gasket Crimp Sleeve Boot : Electrical contacts

#### Optical data

Insertion Loss :

Return Loss : S/M M/M

#### Mechanical data

Mating cycle Strain relief Coupling torque

#### Electrical data

Voltage Current

#### Environmental data

2X Zirconia ceramic, Ø1.25 mm Brass, flash white bronze plating Silicon Rubber Copper, nickel platting TPV 2X CuBe, gold platting

max.

0.25 dB 0.50 dB ≥ 50 dB(PC) ≥ 65 dB(APC) ≥ 20 dB

Typical

 $\geq$  500 70 N(dependent on the cable type) 1.0 to 2.0 Nm

48 V max(Indoor) and 30 V max(Outdoor). 2 A max.

Operation temperature range-40°C to +85°CStorage temperature range-40°C to +85°CLimit for touchable metal parts: the limit for touchable metal parts is 60°C. The equipment is therefore suitablefor operation area up to 55°C.

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## RQC Hybrid Connector (XLR Receptacle)

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S/M, G652D, G657A1, G657A2

Simplex cable Ø 0,9 or 1.8mm

M/M, 62.5/125µm, 50/125µm OM2, OM3 and OM4

Limitations are possible due to the used cable type

#### Suitable cables

Fiber

Receptacle cords:

#### Packaging

Standard Packaging

#### Warning:

The electrical contacts of the connector system 2+2Core are protected against direct contact. When connecting and disconnecting, make sure that the lines are de-energized. Indoor applications:

the plug-in systems 2 + 2Core may only with max. 48V and 2A are operated. Outdoor applications:

the plug-in systems 2 + 2Core may only with max. 30V and 2A are operated.

### Warning:

It is essential to ensure that the cleaning of the connector lines are de-energized and the (laser) light sources are switched off. A complete separation we recommend

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	1	Rev.	Engineering change number	Name	Date
Diait	Dale	Approved	Dale		Rev.	Engineening change number	INAITIE	Date
Y.Zhang	16.05.2017	H.Jungbäck	16.05.2017		003		Y.Zhang	16.05.2017
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