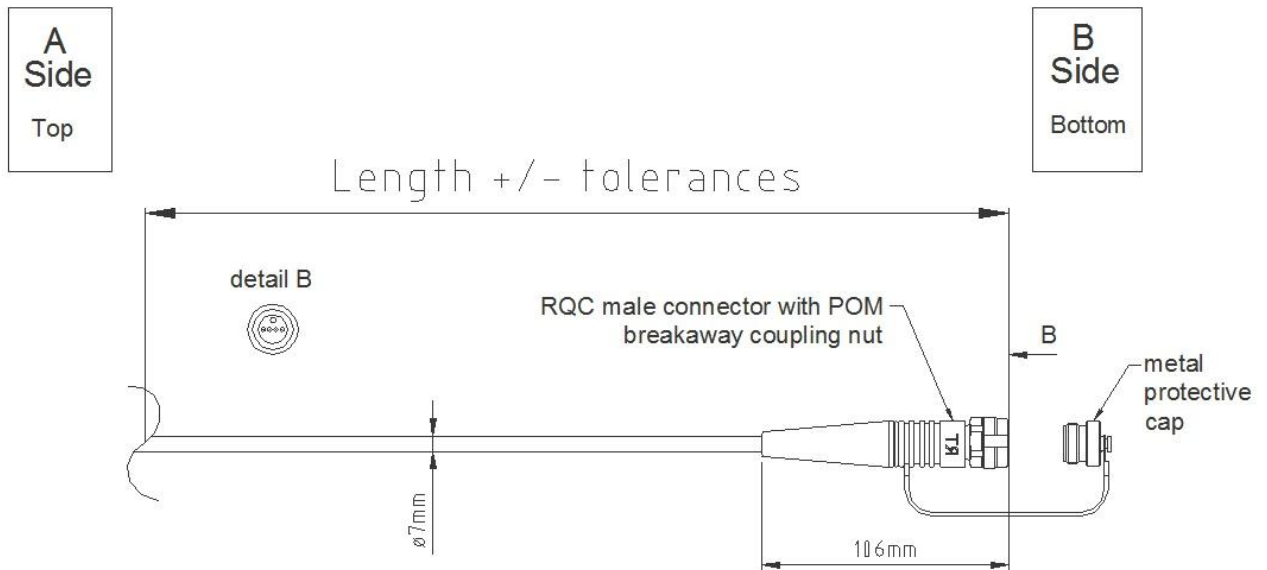


Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

FTTA Fiber Trunk
RQC (m) – 9µG657

FB-L98B-A0103-XXX



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

Description

This FTTA trunk is using the Rosenberger Quad Connector (RQC) on A Side, the other end is open for splicing the 4 bend insensitive G657A2 fibers. A Side Connector works through the principle of breakaway. This principle ensures releasing the connection in case of excessive pulling force.

Available Variants

Type	Length (mm)	weight (g) / pce
L98B-A0103-20000	20000±100	tbd
L98B-A0103-50000	50000±150	tbd
L98B-A0103-70000	70000±150	tbd
L98B-A0103-100000	100000±150	tbd

Cable assemblies in additional length variants are available on request.

Parts

Connector top	1 x RQC(m) with metal cap, single mode
Cable	FR PVC, black

Optical data

Cable	4 fibers
Fiber	9/125 µm single mode optical fiber according to ITU-T G.657A2
Insertion loss	≤ 0.35 dB / km λ = 1310 nm
	≤ 0.25 dB / km λ = 1550 nm

Connector side B	RQC male 4 fiber
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Insertion loss max. 0.50 dB
Return loss typ. 50 dB (SM)

Mechanical data

Cable diameter, jacket 7,0 mm

Minimum bending radius cable

Installation 105 mm
Operation 70 mm

Max. tensile strength cable

Short-term 1200N
Long-term 600N

Crush resistance

Short-term 2200 N / 100 mm
Long-term 800 N / 100 mm

Breakaway principle

Release force by 22°C 500 N

Environmental data

Temperature range operation -40 °C to +85 °C
Temperature range storage -55 °C to +85 °C
Temperature range installation - 20 °C to +60 °C
RoHS compliant
Flame retardant acc. to IEC 60332-1

Packing

Standard: 1 pce in box

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
U.Albrecht	11/11/14	A.Koop	11/11/14	100	14-0004	U.Albrecht	11/11/14
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