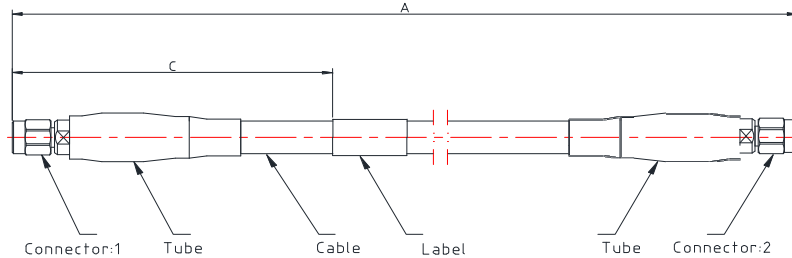


Technical Data Sheet

Rosenberger

CABLE ASSEMBLY
RPC3.5MM MALE / RPC3.5MM MALE

LU7-C1674-XXX



All dimensions are in mm; tolerances according to ISO 2768 c

Parts

Connector 1	RPC 3.5mm male	03S121-2U7S3
Connector 2	RPC3.5mm male	03S121-2U7S3
Cable	RTK 161-YB (or equivalent type)	
Tube	Shrinking tube	
Label	Label Stick	
Armor	NA	

Available Variants Weight

Part Number	Customer Number	Length A[mm]	C[mm]	Insertion Loss ≤(dB) @ 26.5GHz	Weight [Gram]
LU7-C1674-600	NA	600±10	100±10	1.4	50.5
LU7-C1674-1000	NA	1000±10	100±10	2.0	76.9
LU7-C1674-1200	NA	1200±12	100±10	2.3	90.1

Electrical data

Impedance	50 Ω
Frequency	DC – 26.5GHz
VSWR	≤1.3 @ DC to 26.5GHz
Insertion loss	see table available variants
Phase stability vs. Flexure	≤±5°@ 18 GHz (Wrapped around a 50mm radius mandrel)
Amplitude stability vs. Flexure	≤±0.1 dB@ 18 GHz (Wrapped around a 50mm radius mandrel)
Delay matched	≤±1ps @ 18GHz(2pcs in one group)

Mechanical data

Minimum bending radius	20 mm
Cable diameter	5.3 mm

Environmental data

Temperature range(Operation)	-45 °C to 125 °C
RoHS	compliant

Draft	Date	Checker	Approved	Date	Rev.	Engineering change number	Name	Date
Shanhuidong	24/06/21	QIAO	XBH	20/08/21	a 1	NA	Shanhuidong	20/08/21

Rosenberger Hochfrequenztechnik GmbH & Co.KG P.O.Box 1260
Tel. : +49 8684 18-0 Fax : +49 8684 18-499
www.rosenberger.de Email : info@rosenberger.de

D-84526 Tittmoning Germany

Page

1 / 1