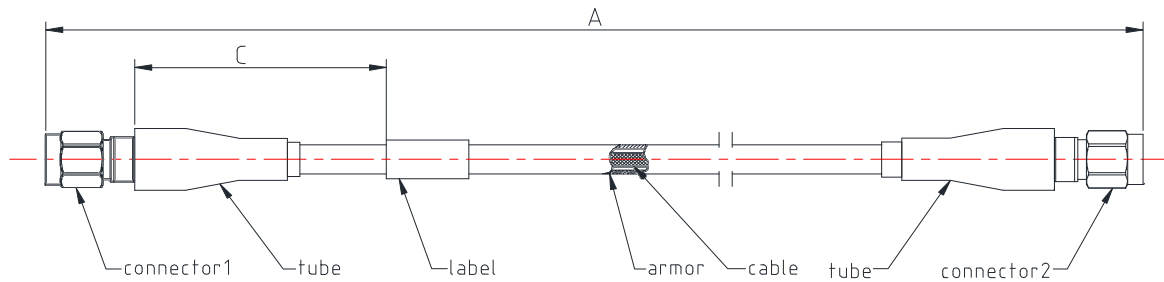


Technical Data Sheet

Rosenberger

CABLE ASSEMBLY
RPC-1.85 MALE / RPC-1.85 MALE

LU5-C317-XXX



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

Parts

Connector 1	RPC-1.85 male	R08S141-2U5S3
Connector 2	RPC-1.85 male	R08S141-2U5S3
Cable	RTK 092-70-YB (or equivalent type)	
Tube	Heat-Shrinking	
Label	Label Stick	
Armor	Stainless steel interlocked hose with PTFE wire(black+red) jacket	

Available Variants Weight

Part Number	Customer Number	Length A[mm]	C[mm]	Insertion Loss ≤(dB) @ 67GHz	Weight [Gram]
LU5-C317-500	NA	500±10	100±10	3.8	TBD
LU5-C317-600	NA	600±10	100±10	4.0	TBD
LU5-C317-1000	NA	1000±10	100±10	6.6	TBD
LU5-C317-1200	NA	1200±10	100±10	7.9	TBD
LU5-C317-2000	NA	2000±10	100±10	13.2	TBD

Electrical data

Impedance	50 Ω
Frequency	DC-67GHz
VSWR	≤1.40 to DC - 67GHz
Insertion loss	see table available variants
Phase stability vs. Flexure	≤±8°@67 GHz (Wrapped around a 50mm diameter mandrel)
Amplitude stability vs. Flexure	≤±0.1 dB@67 GHz (Wrapped around a 50mm diameter mandrel)

Mechanical data

Minimum bending radius	
Single	9mm
Multiple	30mm
Cable Diameter	6mm

Environmental data

Working temperature range	-40°C to 125°C
RoHS	compliant

Draft	Date	Checker	Approved	Date	Rev.	Engineering change number	Name	Date
XBH	27.02.20	SHD	QIAO	27.02.20	100	20-m001	XBH	27.02.20