



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

Parts

Connector 1	RPC-2.92mm male	02S141-271E4
Connector 2	Mini-SMP female	18K102-271L5
Cable	RTK-FS 085-FEP (blue) (or equivalent type)	
Tube	Heat-shrinking tube	
Marking	Label Stick	

Available Variants Weight

Part Number	Customer Number	Length A[mm]	C[mm]	Insertion Loss ≤(dB) at 40GHz	Weight [Gram]
L71-C1590-100	NA	100 ± 10	35 ± 10	2.3	4.7
L71-C1590-245	NA	245 ± 10	100 ± 10	2.5	7.3
L71-C1590-300	NA	300 ± 10	100 ± 10	2.7	8.3

Electrical data

Impedance	50 Ω
Frequency	DC-40GHz
Return Loss	≥ 11dB to DC-40GHz
Phase matching	≤ ± 1ps@20GHz (2pcs in one group)
Insertion loss	see table available variants

Mechanical data

Minimum bending radius	
Single	6.0mm
Repeat	25mm
Cable Diameter	2.6mm

Environmental data

Temperature range	-40°C to 85°C
RoHS	compliant

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