



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

Parts

Connector 1	SMA male	R32S145-272S3
Connector 2	SMA male	R32S145-272S3
Cable	RTK Flex 402-YB Low IL(or equivalent type)	
Label	Label Stick	
Tube	High temperature Shrinking tube	
Armor	Stainless steel interlocked hose with PTFE wire(black+red) jacket	

Available Varants Weight

Part Number	Customer Number	Length A[mm]	C[mm]	Insertion Loss ≤(dB) DC-18GHz	Weight [Gram]
L72-C1944-1000	NA	1000±10	100±10	2.3	TBD

Nominal values @20°C ambient temperature

Electrical data

Impedance	50 Ω
Frequency	DC-18GHz
VSWR	≤1.25 to 18 GHz
Phase stability vs. Flexure	≤±10° @18 GHz (Wrapped around a 50mm diameter mandrel)
Amplitude stability vs. Flexure	≤±0.1 dB@18 GHz (Wrapped around a 50mm diameter mandrel)

Mechanical data

Minimum bending radius	50.8 mm
Cable Diameter(with armor)	7.7mm

Environmental data

Temperature range(Operation)	-40 °C to 125 °C
RoHS	compliant

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RF_35/05_10/6.0

Draft	Date	Checker	Approved	Date	Rev.	Engineering change number	Name	Date
Qiaochang'e	28/05/21	Huidong	Binhong	25/10/21	a 1	NA	Qiao	25/10/21

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