



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

Available variants

Type	"A" (mm)	"C" (mm)	Insertion loss ≤ (dB) at 18 GHz	Marking	Weight (g) / pce
LU7-145-500	500	20±3	1.10	ROSENBERGER WW/YY XXX LU7-145-500	132
LU7-145-1000	1000	20±3	2.00	ROSENBERGER WW/YY XXX LU7-145-1000	250
LU7-145-1500	1500	20±3	2.80	ROSENBERGER WW/YY XXX LU7-145-1500	370
LU7-145-2000	2000	20±3	3.60	ROSENBERGER WW/YY XXX LU7-145-2000	488

WW - week

YY - year

XXX – serial no.

Documents

Technical data sheet connectors
Technical data sheet cable

SMA plug
RTK 162

32S122-2U7S3

Assembly parts

Connector left
Connector right
Cable
Armour

SMA plug
SMA plug
RTK 162

32S122-2U7S3
32S122-2U7S3

Polyurethane jacket over braid / stainless steel spiral

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Technical Data Sheet				Rosenberger			
Cable assembly - Standardportfolio SMA Plug / SMA Plug – RTK 162				LU7-145-XXX			
Electrical data							
Impedance		50 Ω					
Frequency		DC to 18 GHz					
Return loss		≥ 19 dB, DC to 18 GHz					
Insertion loss		see table available variants					
RF-leakage		≥ 100 dB up to 1 GHz					
Mechanical data							
Minimum bend radius:							
Single		25.5 mm					
Multiple		50.8 mm					
Crush resistance		80N/mm					
Environmental data							
Temperature range		-40°C to +80°C					
RoHS		compliant					
Packing							
Standard		1 pce in box					