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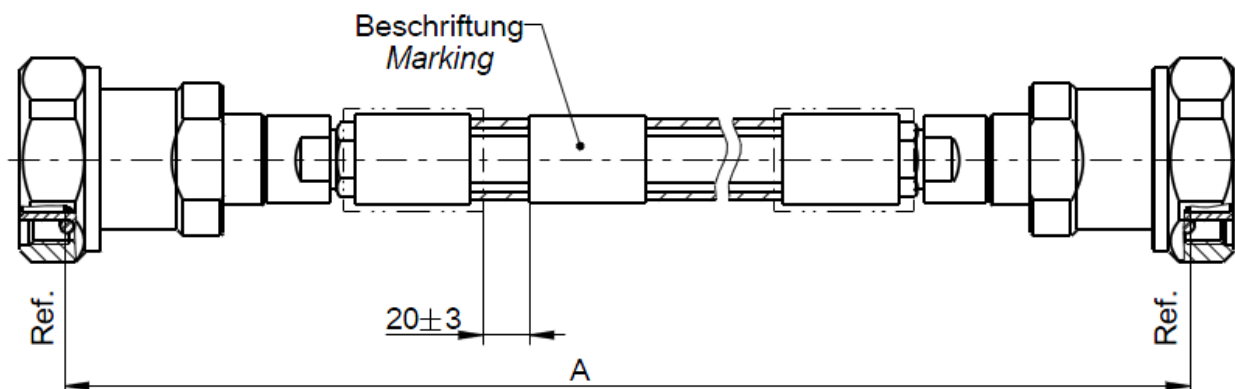
Technical Data Sheet

Rosenberger

Cable assembly

7/16 plug / plug – RTK 081 Cable – T1 Armour

LA2-106-XXX



All dimensions are in mm; tolerances: ± 3 mm for $A \leq 300$ mm; $\pm 1\%$ for $A > 300$ mm

Available variants

Type	max. Insertion loss at 8 GHz	Marking	Weight (g) / pce
LA2-106-XXX	$\leq 0.00045 \text{ dB/mm} * A \text{ mm} + 0.1 \text{ dB}$	ROSENBERGER YYYY-WW LA2-106-XXX FAC-RRRRRRR ssss	$0.427 \text{ g/mm} * A \text{ mm} + 290 \text{ g}$

XXX – length in mm = A

WW – week

YYYY – year

ssss – serial no.

FAC – Factory Code

RRRRRRR – lot nr.

Note:

max. Insertion Loss:

First constant = Cable attenuation in dB /mm; Second Constant = Connector left and Connector right +needed Adaptor

Weight:

First constant = Cable- and Armour- weight per mm; Second Constant = Connector left and Connector right weight per pce

Assembly parts

Connector left	7/16 plug	60S152-2A2N1
Connector right	7/16 plug	60S152-2A2N1
Cable	RTK 081	
Armour	Polyurethane jacket over braid / stainless steel spiral	

Electrical data

Impedance	50 Ω
Frequency	DC to 8 GHz
Return loss ¹	$\geq 19 \text{ dB}$, DC to 8 GHz
Insertion loss ¹	see table available variants

¹ Return Loss and Insertion Loss includes the measurement adaptor

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Cable assembly 7/16 plug / plug – RTK 081 Cable – T1 Armour				LA2-106-XXX			
Mechanical data Minimum bend radius: Single38 mm Multiple76.2 mm Crush resistance80 N/mm Environmental data Temperature range-40°C to +80°C RoHScompliant							
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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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