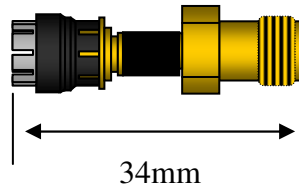


Cable Assembly Specification



Rosenberger NA PN: 72A32QS1-32K1-00034



Description

Rosenberger: Cable: UT 141A TP
Connector Combination: SMA Quick-Lock (m) / SMA (f)
Length in millimeters: 34 (mm)

General Electrical Specifications

Impedance:	50 ± 2 Ohms
Operating Frequency:	DC to 18 GHz
Return Loss:	≥ 17 dB typical up to 18 GHz
Cable Insertion Loss:	1.48 dB/m @ 10 GHz (typical)
Velocity of Propagation (%)	70% nominal
Working Voltage	350 Vrms

Mechanical Specification

Cable Diameter:	3.58 mm nominal
Mating Cycles	> 500
Temperature Range:	-40 °C to +125 °C

MATERIALS AND FINISHES

Cable:	UT 141A TP; Copperweld Silver Plated Center, PTFE, Tin Plated Copper Outer
Connector Interface	Per MIL-STD-348A
Connector Types, Material & Plating	Body: Gold Plated Brass
SMA Quick-Lock & SMA	Outer Contact: Gold Plated Brass
	Center Conductor: Gold Plated Beryllium Copper or equivalent

Mouser Electronics

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