

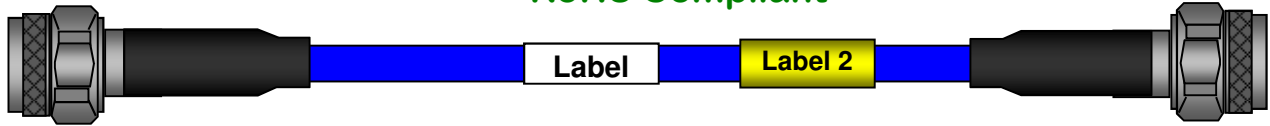
Cable Assembly Specification

Rosenberger NA P/N: L72-450-XXXX

Rosenberger®

Rosenberger of North America, LLC

RoHS Compliant



Description

Rosenberger: Cable; RTK-Flex 402

Connector Combination; N (m) straight / N (m) straight

Length in millimeters: (XXXX mm)

General Electrical Specifications

Impedance:	50 ± 2 Ohms		
Operating Frequency:	DC to 18 GHz		
Return Loss:	16 dB min. up to 16 GHz 14 dB min. up to 18 GHz		
Cable Insertion Loss:	L72-450-XXXX	Maximum	
	-610	2.0 ft	1.68 dB
	-915	3.0 ft	2.37 dB
	-1000	3.3 ft	2.56 dB
	-1830	6.0 ft	4.44 dB
	-3050	10.0 ft	7.20dB
	-4570	15.0 ft	10.65 dB
	-6100	20.0 ft	14.10 dB
	-7620	25.0 ft	17.55 dB
Velocity of Propagation (%)	70% nominal		
Shielding Effectiveness (dB@ 1GHz)	>100 dB		
Working Voltage	1400 Vrms		
Strain Relief	heat shrink tubing / mold		

Mechanical Specification

Cable Diameter:	4.12 mm nominal
Minimum Bend Radius:	12.7 mm
Mating Torque:	0.7 Nm to 1.1Nm
Mating Cycles	> 500
Temperature Range:	-55°C to +125°C

MATERIALS AND FINISHES

Cable:	RTK-Flex 402-FEP; SPC Center Conductor
Connector Interface	MIL-PRF-39012, IEC 61169-16, CECC 22210
Center contact / Plating	Brass with AuroDur, Gold plated
Outer contact	Brass w/ Flash white bronze over silver
Dielectric	PTFE
Coupling nut	Stainless steel passivated