94 Jackson Road, Suite 110 Devens , MA 01434-4012 USA

TESTCABLZ™ - J0
Cable Assembly Specification Sheet

FEATURES:

Robust connector attachment
Custom lengths & varied connector series available
Phase stable over temperature and flexure
DC-50GHz coverage
-55ºC to +125ºC operating temperature

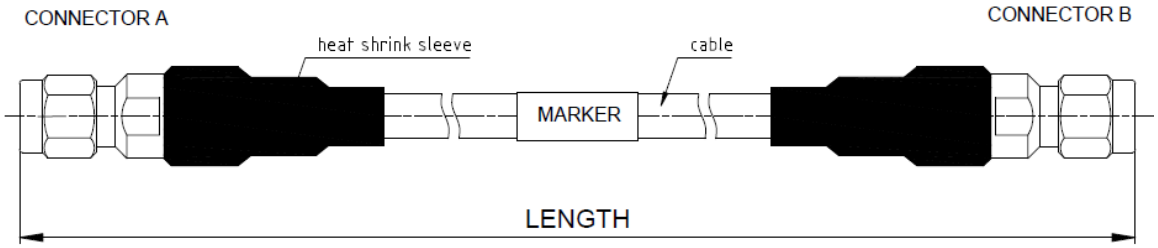
Electrical Specification

Characteristic	
VSWR, max	*1.30:1*
Insertion Loss, max @50GHz	*4.96dB@4'*
Power, max	*80W*
Voltage max	*1000vrms*
Phase stability vs flexure	*+/-5°*
Amplitude stability	*+/-0.1dB*
Capacitance	*87pf/mt*
Shielding	*110dB*
Velocity of Propagation	*82%*

Mechanical

Item	Material	Diameter
Center conductor	*Ag-plated Cu*	
Dielectric	*LDPTFE*	
Inner Shield	*Ag-plated Cu Tape*	
Outer Braid	*Ag-plated wire braid*	
Jacket	*FEP gray*	*3.1mm/0.122"*
Min bend radius (static)	*n/a*	*15mm/0.59"*

Typical Outline



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