



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

TESTCABLZ™ - J7 Cable Assembly Specification Sheet

FEATURES:

Robust connector attachment
Custom lengths & varied connector series available
Flexible 0.142" outer diameter
DC-40GHz coverage
-55°C to +125°C operating temperature

Part Number Examples

P/N	Description	Loss, max
RMCA12.TCBLZJ7.292mm	2.92 male + 12" TCBLZJ7 cable + 2.92 male	1.86dB
RMCA24.TCBLZJ7.292mm	2.92 male + 24" TCBLZJ7 cable + 2.92 male	2.64dB
RMCA36.TCBLZJ7.292mm	2.92 male + 36" TCBLZJ7 cable + 2.92 male	3.42dB

Electrical Specification

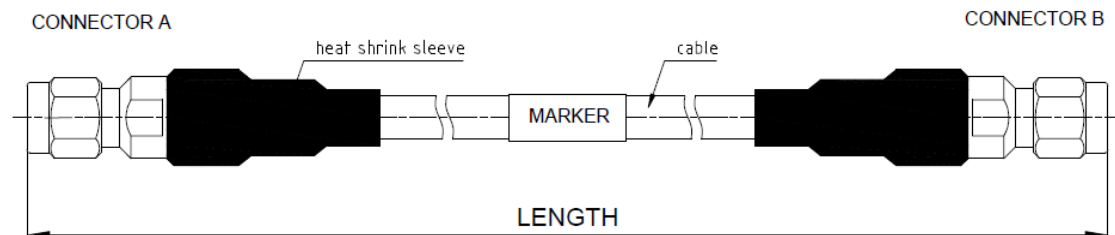
Characteristic	
VSWR, max	1.30:1
Cable Insertion Loss, max	2.56dB/mt @40GHz
Power, max	80W
Voltage max	1000vrms
Phase stability vs flexure	+/-3°
Amplitude stability	+/-0.05dB
Capacitance	87pf/mt
Shielding	95dB

Mechanical

Item	Material	Diameter
Center conductor	Ag-plated Cu	1.42mm/0.056"
Dielectric	LDPTFE	4.25mm/0.167"
Outer conductor & shield	Ag-plated Cu Tape & braid	4.90mm/0.193"
Jacket	FEP	3.60mm/0.142"
Min centerline bend radius	1.0"	n/a



Typical Outline



Telephone: 978-772-3767
www.ResponseMicrowave.com

Fax: 978-772-3768
Email: Info@ResponseMicrowave.com