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TESTCABLZ™ - B7 Cable Assembly Specification Sheet

FEATURES:

Robust connector attachment
Custom lengths & varied connector series available
Flexible outer diameter with >2000 cycles durability
DC-40GHz coverage
-55°C to +125°C operating temperature

Part Numbers

P/N	Description	Insertion Loss
RMCA12.TCBLZB7.292mm	2.92 male + 12" TCBLZB7 cable + 2.92 male	1.18dB max
RMCA18.TCBLZB7.292mm	2.92 male + 18" TCBLZB7 cable + 2.92 male	1.59dB max
RMCA24.TCBLZB7.292mm	2.92 male + 24" TCBLZB7 cable + 2.92 male	1.99dB max
RMCA36.TCBLZB7.292mm	2.92 male + 36" TCBLZB7 cable + 2.92 male	2.79dB max

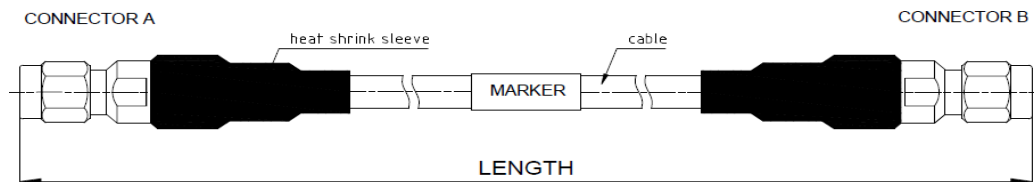
Electrical Specification

Characteristic	
Frequency	DC-40GHz
VSWR, max	1.25:1
Insertion Loss, max	See P/N
Amplitude stability vs flexure	+/-0.1dB
Voltage max	1000vrms
Phase stability vs flexure	+/-5°
Capacitance	87pf/mt
Shielding	150dB

Mechanical

Item	Material	Diameter
Outer Jacket	FEP	4.2mm (0.165")
Min centerline bend radius	n/a	35.5mm (1.40")

Typical Outline



- 1 Center Conductor / Silver Plated Copper(Stranded)
- 2 Dielectric / Low Density PTFE
- 3 Inner Shield / Silver Plated Copper Tape
- 4 Interlayer / PTFE, Wrapped
- 5 Outer Braid / Silver Plated Copper Wires
- 6 Outer Jacket / FEP, Blue

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