Data Sheet

HUBER+SUHNER® MINIBEND™ R Cable

Description

- Impedance 50 Ω
- Applicable up to 65 GHz
- Direct replacement for 0.086 inch semi-rigid cables
- Stock delivery on standard lengths

What is it? MINIBEND® R is designed for use in complex, congested environments where higher cable retention force is required. MINIBEND R's pull strength is more than 70% greater than a standard MINIBEND. When installed and bent at the minimum bend radius, MINIBEND R will tolerate multiple 90° rotations at the cable/connector junction. The "R" ruggedization can be added to any MINIBEND style. All materials used in MINIBEND R assemblies meet or exceed NASA TML and CVCM requirements for use in spacecraft applications.

MINIBEND™ R – Available Cable Connectors/Interfaces

Compatible Connectors (Other connectors may be made available upon request)

Requirements
SMA
SK
SMP
SSMA
PC 1.85
PC 2.4

Technical Drawing

Cable	Inner Conductor	Dielectric	Outer Conductor	Barrier	Outer Braid	Jacket	Outer Diameter
	1	2	3	4	5	6	
32081	CuAg (SPC) Wire	PTFE	CuAg (SPC) flat wire braid	Aluminum / Polyimide Tape	Stainless Steel Braid	FEP	2.5 mm

Cable	Operating Frequency	Velocity (nominal)	Weight (nominal)	Static Min. Bend Radius	Impedance	Temp. Range
	GHz	%	g/m	mm	Ω	°C
32081	65	70.3	14.9	5.08	50	-55 to +200

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