

## HUBER+SUHNER® MICROBEND™ R Cable

### Description

- Impedance 50 Ω
- Applicable up to 90 GHz
- Stock delivery on standard lengths
- Ruggedized and suitable for complex, congested installations

**What is it?** MICROBEND™ R features include 35% lower loss than .047 inch semi-rigid cable, a minimum bend radius of 1.52 mm (0.060 inch), and triple shielding for high isolation. It eliminates the need for predefined custom lengths and bend configurations. MICROBEND™ R was designed for use as internal point-to-point interconnections between modules in microwave and fiber optic switching systems. It is designed for use in complex, congested environments where higher cable retention force is required. When installed and bent at the minimum bend radius, microbend will tolerate multiple 90° rotation.



### MICROBEND™ 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	
32041	CuAg (SPC) Wire	PTFE	CuAg (SPC) flat wire braid	Aluminum / Polyimide Tape	Stainless Steel Braid	FEP	1.91 mm

Cable	Operating Frequency	Velocity (nominal)	Weight (nominal)	Static Min. Bend Radius	Impedance	Temp. Range
	GHz	%	g/m	mm	Ω	°C
32041	90	70.3	11.9	1.52	50	-55 to +200

