70GHz Flexible Coaxial Cable Assembly

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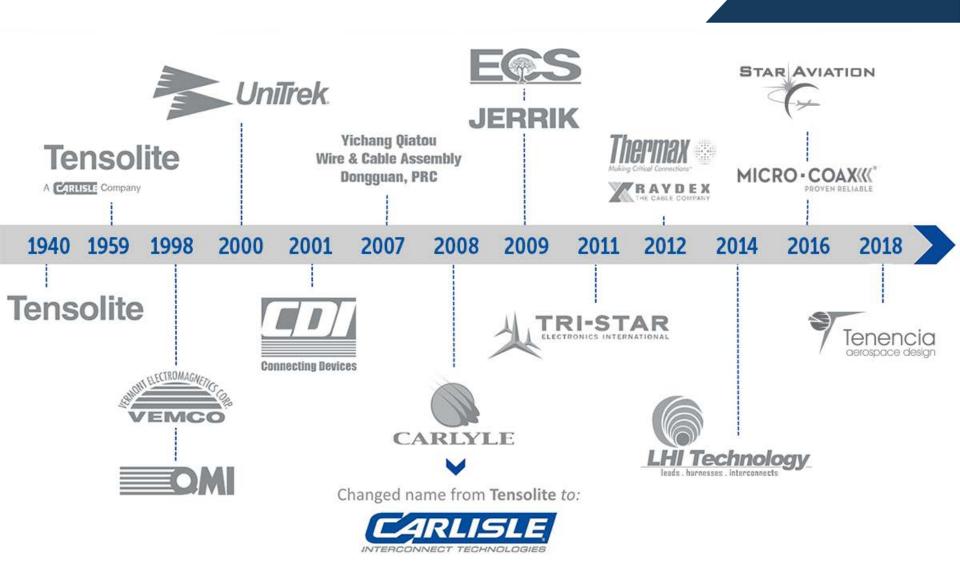
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7400 employees at 14 manufacturing locations worldwide





Growth by Acquisition



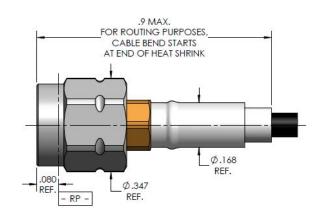
MCJ088D Cable Key Characteristics*

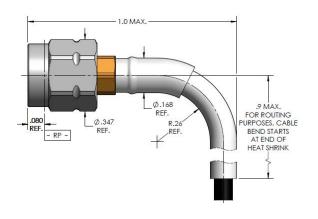


Mechanical	
Diameter	0.088 inch (2.2mm)
Insulator	Expanded Tape Wrapped PTFE
Jacket	ETFE, colored black
Braid	ARACON® (silver plated aramid fiber)
Minimum Bend Radius	0.25 inch (6.35mm)
Mass	<4g/ft (<12g/m)
Electrical	
Operating Frequency	70GHz
Loss at 70GHz	<1.81dB/ft (<5.94dB/m)
Environmental	
Thermal	-150C to +165C
Radiation	100Mrad (operational) 300Mrad (survivability)

*Full data sheet available upon request

1.85mm Connector Key Characteristics*

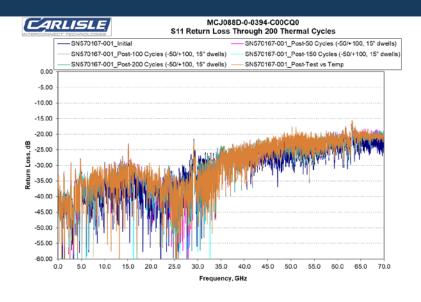


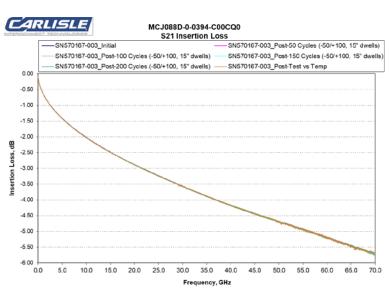


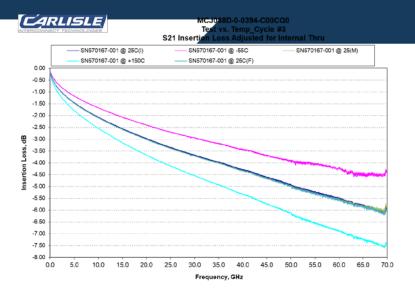
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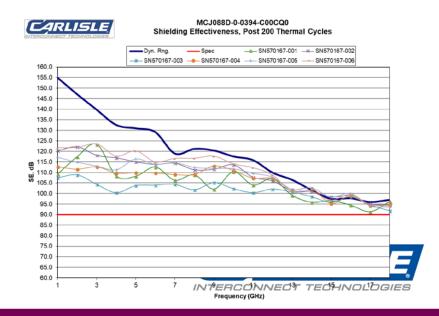
	
Mechanical	
Interface Control	IEC 61169-32 (with exceptions)
Center Contact Termination	Spring Finger
Housing Termination	Solder
Dielectric	ULTEM™ (polyetherimide)
Mass	<3g
Electrical	
Operating Frequency	70GHz
Return Loss	16.5dB Typical, 14dB Guaranteed
Loss	0.03*√freq (0.25dB @ 70GHz)
Environmental	
Thermal	-100C to +165C
Radiation	100Mrad (operational) 300Mrad (survivability)

Performance versus Temperature









Thank You

