



C542-069-XX 1.85/Male to 1.85/Male Flexible Ultra Low Loss Phase Stable Cable Assembly 67 GHZ

Rev 002

Electrical	
Frequency	0-67 GHZ
VSWR	1.40 Max
Impedance	50 Ohms
Insertion Loss	0.9/ft Max @ 18 GHZ
	1.1/ft Max @ 27 GHZ
	1.4/ft Max @ 40 GHZ
	1.9/ft Max @ 67 GHZ
	0.3 dB per connector
Mechanical Phase	±5° @ 67 GHZ
Temperature Phase	1100PPM(-55°C to 85°C)
Amplitude Stability	±.05 dB @ 67 GHZ
Mechanical	
1.85 Interface per	IEEE P287
Materials	
Center Conductor	Ø.020"
Outer Conductor	Ø.069"
Outer Jacket	Ø.102"
1.85 Connector Body	Passivated Stainless Steel
Contacts	BeCu
Contact Plating	Au 50µ" Min

