



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

Rev 000

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	$\pm 5^\circ$ @ 67 GHZ
Temperature Phase	1100PPM(-40°C to 85°C)
Amplitude Stability	$\pm .15$ dB
Mechanical	
1.85 Interface per	IEEE P287
Materials	
Center Conductor	$\varnothing.020''$
Outer Conductor	$\varnothing.067''$
Outer Jacket	$\varnothing.102''$
1.85 Connector Body	Passivated Stainless Steel
Contacts	BeCu
Contact Plating	Au 50 μ '' Min

