

# Bronzeline™

ISO 9001 Certified

## RF Coax Test Cables for Mass Production:

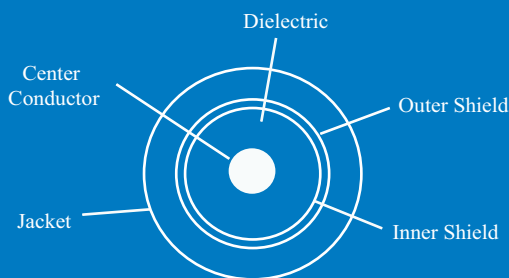
- Ultra Flexibility
- Cost Effective
- Excellent RF Performance

Bronzeline™ is a cost-effective, high performance RF test cable. It is suitable to be used in a broad range of factory, lab and field test applications.

Compared with test cables, made from RG142 or RG223, Bronzeline™ exhibits more than 30% lower attenuation and substantially better shielding effectiveness. Bronzeline™ may be repeatedly flexed without return loss degradation or any mechanical failure.

Bronzeline™ is available with most common connectors, including type N, SMA and BNC. For other connector interfaces, please consult factory.

Meters: 0.5m increments  
 BL03-XXXX-XX.XXM  
 BM=BNC Male  
 SM=SMA Male  
 NM=Type N Male



Physical & Mechanical Specifications		in	mm
Center Conductor	Solid Silver Plated Copper	0.035	0.879
Dielectric	Solid Polyethylene	0.116	2.912
Inner Shield	Silver Plated Copper Flat Ribbon Braid (95%k)	0.126	3.163
Outer Shield	36 GA Tinned Copper Braid (95%k)	0.149	3.740
Jacket	Black Polyurethane	0.195	4.895
Minimum Bend Radius		1	25.1
Weight	43 pounds per 1000 feet		
Environmental Specifications			
Operating Temperature	-40 °C to +80 °C		
Electrical Specifications			
Typical VSWR	1.15:1		
Impedance	50 ohms		
Capacitance	30.8 pF per foot		
Velocity	65.90%		
Attenuation & Power			
Frequency (MHz)	Attenuation (dB/100m)	CW Power (W)	
100	12.46	500	
150	15.09	415	
450	25.91	238	
900	36.74	167	
1000	42.64	145	
2000	62.32	98	
2400	72.16	85	
2500	75.44	80	
3000	88.56	69	
K1	0.370604		
K2	0.001266		