



Shipboard Cable Assembly Solutions

Solutions with Low Smoke/Low Toxicity Jackets

Type-N, TNC & SMA Connector Styles

Low Smoke / Low Toxicity Cable
Non Halogen Jacketed
Stainless Steel Connector as Standard
Low VSWR & Insertion Loss
Ideal for Shipboard Applications
Great for High Power, High Frequency
Wide Standard Connector Choices

ConductRF supports Shipboard applications requiring Low Smoke/Low Toxicity Cables with our Triple Shielded SBA62 and SBA63 Cable series.

The raw coax cables used, is a Black UV Resistant, Cross-Linked Polyethylene jacketed, Non halogen, Low Smoke Cable.

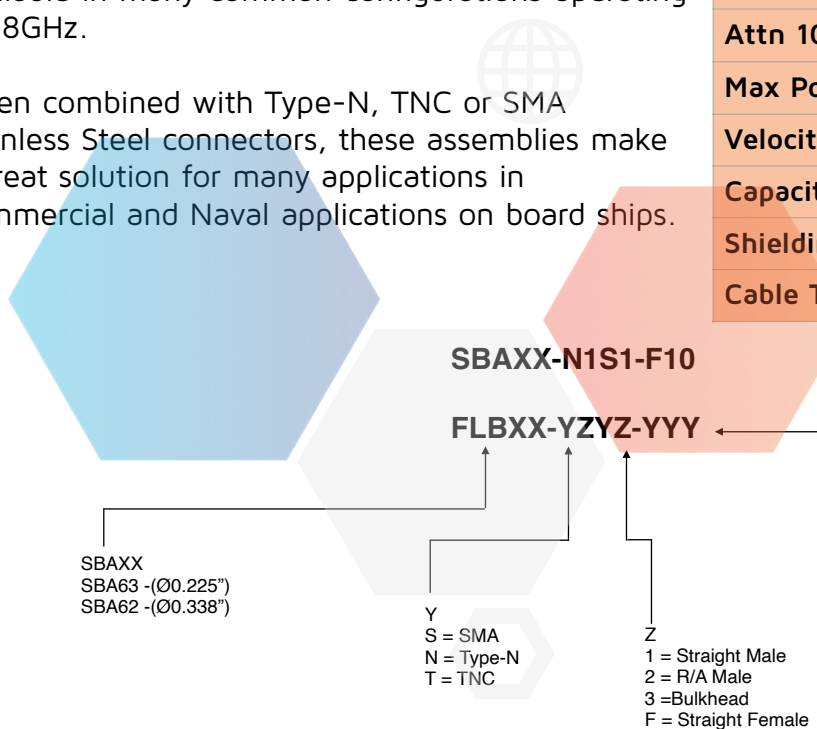
They have a Low Density Microporous PTFE Dielectric, which provides an 80% VP and excellent loss characteristics.

Both cables have many standard connector available in many common configurations operating to 18GHz.

When combined with Type-N, TNC or SMA Stainless Steel connectors, these assemblies make a great solution for many applications in Commercial and Naval applications on board ships.



Characteristic	SBA63	SBA62
Max Frequency	18GHz	18GHz
Cable OD	0.225"	0.338"
Min Bend	1.25"	1.75"
Weight(No connectors)	46/lbs/kft	102/lbs/kft
Attn 100ft (18GHz)	33.1dB	20.1dB
Max Power @ 1GHz	820W	2,760W
Velocity of Prop.	80%	
Capacitance	24.75pF/ft	
Shielding	>100dB	
Cable Temp Range	-55°C to 85°C	



YYY
 FYY = Length in Feet(F06 = 6ft)
 SYY = Length in Inches(S18 = 18")
 YMY = Length in Meters(2M5 = 2.5m)
 CYY = Length in Centimeters(C50 = 50cm)

