



# Ship-Board 50Ω RF Cables

## Low Smoke, Zero Halogen available for Standard Connectors



Low Smoke, Zero Halogen Construction  
 Low Loss Cable  
 Double Cable Shielding  
 Crimp Connector Attachment  
 Optimized Performance  
 Customization Available

Characteristic	240	400	600
Center Conductor	Solid Bare Copper	Solid Copper Clad Aluminium	
Dielectric	Foamed PE		
1st Shield	Composite Aluminium Tape		
2nd Shield	Tinned Copper Braid		
Cable Jacket	Low Smoke Polyolefin		
Shielding	>90dB		
Temp Range	-30°C to +85°C		
Min Bend Radius	1.25"	2.0"	3.0"
Max Power	117W	254W	398W
At/100ft 100MHz	2.9dB	1.5dB	0.9dB
At/100ft 400MHz	5.8dB	3.0dB	1.9dB
At/100ft 1,500MHz	12.0dB	6.0dB	3.9dB
At/100ft 2,500MHz	15.0dB	8.0dB	5.2dB

ConductRF manufactures a range RF Cables in support of Ship Board applications, where Low Smoke, Zero Halogen requirements are mandated.

These cable have Low Smoke Polyolefin Jackets that are suitable for Ship Board Environments.

The Cable solutions are commonly available in 3 sizes with cable OD of 0.240", 0.405" and 0.590".

Common standard interfaces are available with standard gasket seals. Strain relief and connector sales are accomplished using Low Smoke, Zero Halogen, Shrink Tubing.



Images for illustration only, Data subject to change.

LSB16-N1N1-F03

LSBxx-yzyz-yyy

xx (Cable Size)  
 16 = 0.240"  
 17 = 0.405"  
 24 = 0.590"

y (Series)  
 S = SMA  
 N = Type-N  
 T = TNC

z (Configuration)  
 1 = Straight Male  
 2 = R/A Male  
 3 = Bulkhead Mount  
 4 = Panel Mount  
 F = Straight Female

yyy Cable Length  
 Fyy = Feet (F03)  
 Syy = Inches (S36)  
 e.g. 3ft or 36"