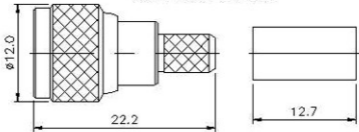




RECOMMENDED  
CABLE STRIPPING DIM'S



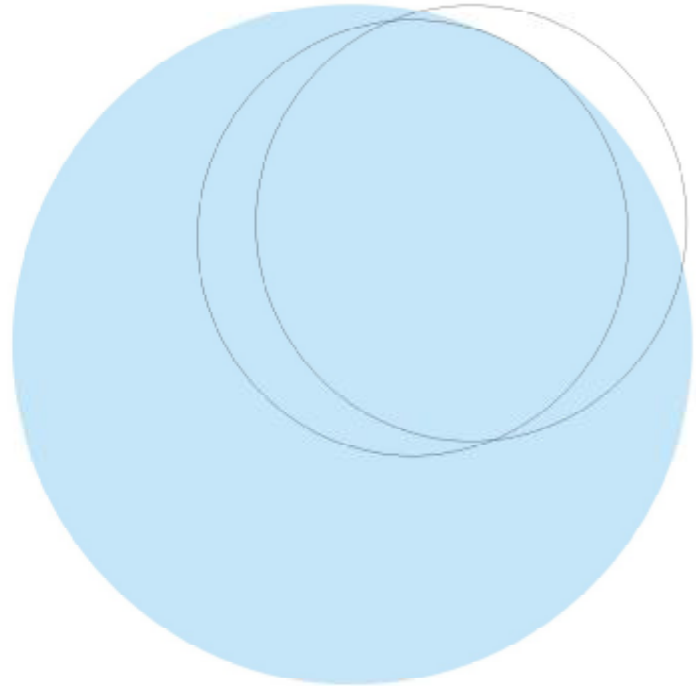
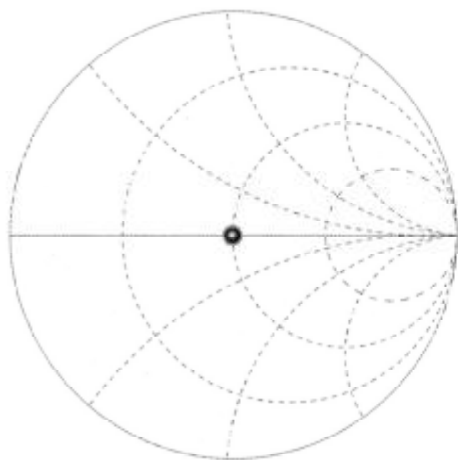
# Mini-UHF Series

Songtech

MINI UHF series are lightweight, compact coaxial connectors designed for most mobile communications systems and applications where miniaturization, weight and cost elements are essential.

The threaded coupling provides excellent RF performance.

Mini-UHF



# UHF/Mini UHF Series

Songtech

UHF/Mini UHF

## Specifications

UHF		
Impedance	Non-constant	
Frequency Range	0 - 200 MHz	
Working Voltage	500 VRMS max.	
Dielectric Withstanding Voltage	1500 VRMS min.	
VSWR	Not defined.	
Contact Resistance	Center Contact	3 Milliohms Max.
	Outer Contact	2 Milliohms Max.
Insulator Resistance	5000 Megohms min.	

Mini-UHF		
Impedance	50 ohm	
Frequency Range	0 - 2 GHz	
Working Voltage	335 VRMS max.	
Dielectric Withstanding Voltage	1000 VRMS min.	
VSWR	Straight	1.3 max.
	Right Angle	1.5 max.
Contact Resistance	Center Contact	5 Milliohms Max.
	Outer Contact	3 Milliohms Max.
Insulator Resistance	5000 Megohms min.	

UHF		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626 or Zinc diecast	Nickel or Silver per requirement
Center Contacts	Plug: Brass per QQ-B-626	Gold or Silver per requirement
	Jack: Brass per QQ-B-626	Gold or Silver per requirement
Insulators	Teflon, Delrin, PBT polyester	None
Crimp Ferrules	Annealed copper	Nickel per requirement

Mini-UHF		
Parts Name	Material	Finish
Body, Metal Parts	Brass per QQ-B-626 or Zinc diecast	Nickel
Center Contacts	Plug: Brass per QQ-B-626	Gold or Silver per requirement
	Jack: Beryllium Copper QQ-C-530	Gold or Silver per requirement
	Phosphor Bronze per QQ-B-750	
	Brassper QQ-B-626	
Insulators	Teflon, Delrin	None
Crimp Ferrules	Annealed copper	Nickel per requirement

NOTE: Other Material / Finish is Available on Request.

UHF	
Mating	5/8-24 threaded coupling
Cable affixment	Braid solder, set screw, clamp and crimp

Mini-UHF	
Engagement Force	2 in-lbs. max.
Disengagement Force	2 in-lbs. max.
Coupling Nut Retention	80 lbs. min.
Coupling Proof Torque	15 in-lbs. min.
Contact Retention	6 lbs. min.
Durability (Mating)	500 cycles min. (for Beryllium copper Jack contact only)
Temperature Range	-65° C to 185° C
Vibration	MIL-STD-202 Method 204 Test Cond.B.
Salt Spray	MIL-STD-202 Method 101 Test Cond.B.