



UHF Series

Songtech

UHF

UHF series are economical and all purpose connectors.

They are designed with a non-constant impedance for use at comparatively low voltage & low frequency applications including :C.B. communication systems, Public address systems, CCTV, civil defense, landing systems, ground control apparatus, ship to shore communications and Mobile radio equipment hookups between antenna and transmitter or receiver.



UHF/Mini UHF Series

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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 Phosphor Bronze per QQ-B-750 Brassper QQ-B-626	Gold or Silver per requirement
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.