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Our Products		Search Resu	ılts for: Right	Angle 2-Pied	ce Crimp Plug			
7/16 BNC		Please note:	Please note: Images are for reference only					
D-Sub FME MCX MMCX SMA SMB SMC TNC Twin BNC Type F		Image Unavailal	Family Conne Produ Descr Plug Cable	able: 174/188A/316/B7805A **			Cable Group: 05 Finish: Nickel Insulation: Delrin Impedance: 50 ohms Crimp Tool: B Remark Cable center conductor soldered to pin directly	
Type N  UHF  Between-Series A Shielded Termina Strain-Relief Boo Tools  View All Products	Adapters ations ts	Image Unavailal	Family Produ Conne Descriplug	lumber: 182 y/Series: (to ict Type: Uh ectors iption: Righ	2325	Finaxial In: Im Crimp Cr	able Group: (nish: Nickel sulation: Del pedance: 50 rimp Tool: Bemark Cable	rin ohms center conductor

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## **Our Products**

7/16

BNC

DIVO

D-Sub

<u>FME</u>

MCX

<u>MMCX</u>

SMA

<u>SMB</u>

**SMC** 

TNC

Twin BNC

Type F

Type N UHF

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Between-Series Adapters

**Shielded Terminations** 

Strain-Relief Boots

**Tools** 

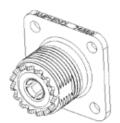
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# UHF connector series

Features & Benefits | Applications | Specs | Assembly Instructions

Invented in the 1930's by an Amphenol engineer named E. Clark Quackenbush, UHF coaxial connectors are general purpose units developed for use in low frequency systems from 0.6 - 300 MHz. Invented for use in the radio industry, UHF is an acronym for Ultra High Frequency because at the time 300 MHz was considered high frequency.

UHF connectors feature a threaded coupling. Because these connectors are low-cost, the impedance is variable.



#### **UHF/Mini-UHF Coaxial Connectors**

#### **UHF SERIES**

Straight Crimp Plug

Straight FCP Plug

Straight Solder Plug - Ug Standard, PL-259 Type

Reducing Adapter

Straight Crimp Jack

Panel Crimp Jack

Panel Receptacle

Bulkhead Receptacle

Jack-To-Jack Adapter

Jack-To-Jack Adapter

## **MINI-UHF SERIES**

Mini-UHF Terminator Plug

Right Angle 2-Piece Crimp Plug

Straight 3-Piece Crimp Plug - Captive Contact

Straight 3-Piece Crimp Jack

**Bulkhead Crimp Jack** 

Bulkhead Receptacle Jack - Rear Mount

### Features & Benefits

- Optional reducing adapters accommodate a wide range of popular coaxial cables
- Solder termination types require no special assembly tools
- Crimp termination types provide a lower cost installation method
- Large-size threaded coupling is rugged design
- Non-demanding specifications and low cost

## **Applications**

Antennas

- Cable Assembly
- Low Frequency Applications

- Public Address Systems
- CB Radios

## **UHF Specifications**

Electrical			
Impedance	Non-constant		
Frequency Range	0 - 300 MHz		
Voltage Rating	500 volts peak		
Mechanical			
Mating	5/8-24 threaded coupling		
Cable Affixment	Braid solder, set screw, clamp and crimp		

Material					
Male Contact	Brass with silver plating				
Female Contact	Beryllium copper with silver plating				
Bodies	Brass and die cast zinc				
Other Metal Parts	Brass				
Plating	Nickel and silver				
Insulators	TFE, copolymer of styrene, polystyrene, mica-filled phenolic and PBT polyester or equivalent				
Environmental					
Temperature Range	Mica-filled phenolic insulators: -55°C to +149°CCopolymer of styrene and polystyrene: -55°C to +85°CTFE insulators: -65°C to +165°C				
Weatherproof	Except as noted, all UHF series are non-weatherproof				

Note: These characteristics are typical but may not apply to all connectors.



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