Amphenol[®]Connex

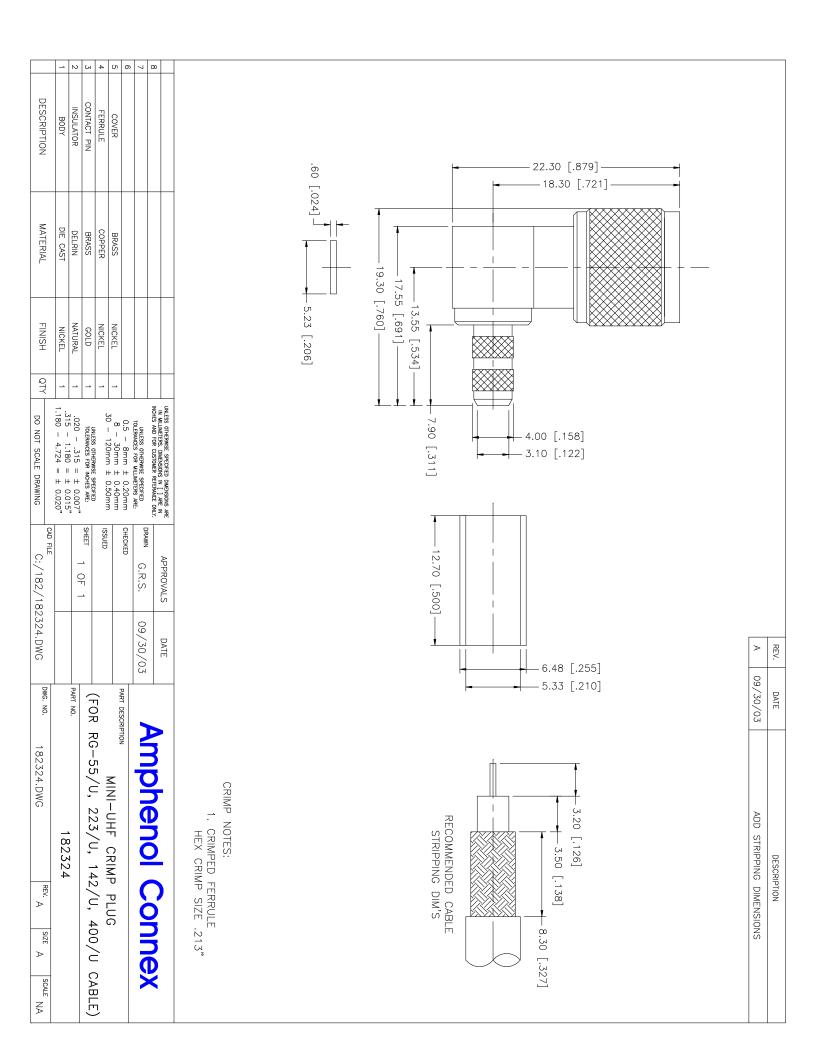
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7/16 BNC	Please note: Image	es are for reference only		
D-Sub FME MCX MMCX SMA SMB SMC TNC Twin BNC	Image Unavailable	Part Number: 182324 Family/Series: UHF/Mini-UHF Coaxial Connectors Product Type: MINI-UHF SERIES Description: Right Angle 2-Piece Crimp Plug Cable: 55/142/223/400 **	. –	Irin O ohms center conductor
Type F Type N UHF	Add to Cart Produc	t Specs Customer Drawing		
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7/16

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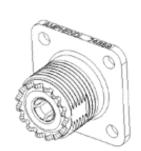
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UHF connector series

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		
	TFE, copolymer of styrene, polystyrene, mica-filled phenolic and PBT polyester or equivalent		
Environmental			
	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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