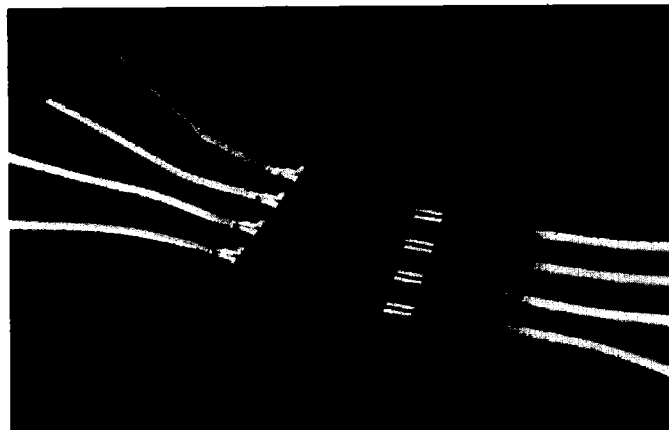


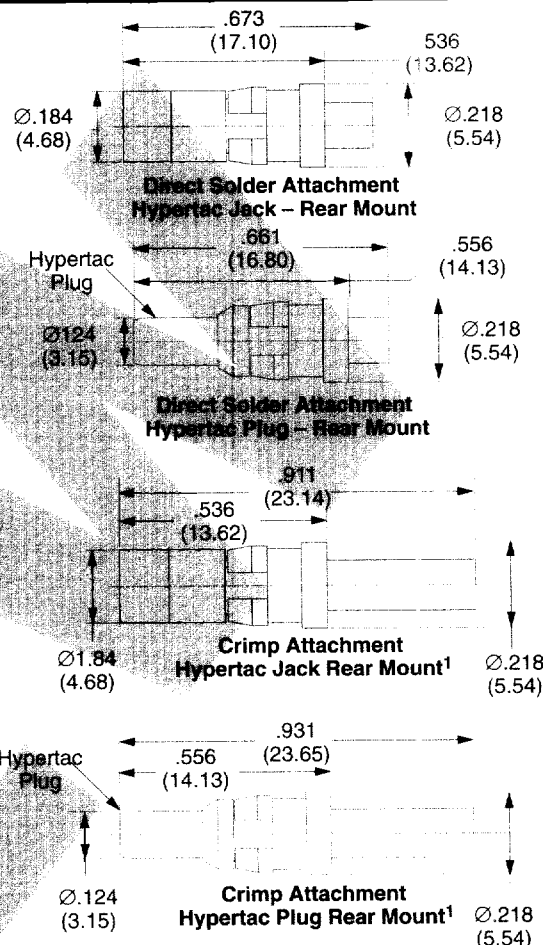
## COAXTAC Coaxial Contacts

- 1.20:1 VSWR max. to 3GHz
- 1.40:1 VSWR max. to 6GHz
- >25,000 mating cycles
- 3 ounce average extraction force
- 50 Ohm impedance
- Mounts in Din 41612 insulator cavities
- Hypertac inner and outer contacts.



### General Specifications

Nominal Impedance	50 ohms
Frequency Range	DC to 6 GHz or maximum operating frequency of the selected cable.
Temperature Rating	-55°C to 125°C
Materials	Brass per ASTM-B-16, Beryllium Copper per ASTM-B-196, Beryllium Copper per QQ-C-530, PTFE Fluorocarbon per ASTM-D-1457.
<b>Finishes</b>	
Center Contacts and Housings	Gold per MIL-G-45204 over nickel-plate per QQ-N-290 over copper plate per MIL-C-14550.
Wire	Gold per MIL-G-45204 over nickel plate per QQ-N-290.
<b>Electrical (Based on RG-405 Semi Rigid Cable)</b>	
Voltage Standing Wave Ratio	(DC to 3GHz) 1.20:1 max. (3GHz to 6GHz) 1.40:1 max.
RF Transmission Loss	0.30 dB max. @ 3 GHz
Insulation Resistance	5,000 megohms min.
Dielectric Withstanding Voltage	500 VRMS
<b>Contact Resistance</b>	
Inner Contact	8 milliohms max.
Outer Contact	2 milliohms max.
<b>Mechanical</b>	
Extraction force	1.5 - 6.0 oz max., 3 oz. average
Connector Durability	Greater than 25,000 cycles



### ORDERING INFORMATION

#### DIRECT SOLDER ATTACHMENT

Part Number	Description	Cable Type	Max Frequency
YCX0315-001AH	Rear Mount Hypertac Socket	RG-405, T-Flex 405	6 GHz
YCX0315-003H	Rear Mount Hypertac Pin	RG-405, T-Flex 405	6 GHz

#### CRIMP ATTACHMENT

Part Number	Description	Cable Type	Max Frequency
YCX0315-002AH	Rear Mount Hypertac Socket	RG-316	3 GHz
YCX0315-004H	Rear Mount Hypertac Pin	RG-316	3 GHz

### ACCESSORIES

For Inner Conductor Crimping  
Crimp Tool: AFM8

Positioner: T1957

For Outer Conductor Crimping  
Crimp Tool: HX3

Die Set: T1958

Contact removal tool: T1925

#### Notes:

1. The connector is shown with the outer sleeve in place.
2. Dimensions in inches (mm).