

Winchester Electronics Presents...

# Tri-Loc<sup>®</sup> Series Connectors

## Standard Jacks and Plugs

### Product Benefits

- Durable weatherproof construction
- Easy, two-crimp installation
- Push-on, pull-apart mating
- 75 Ohm impedance
- Non-conductive anti-shock safety tip on contacts
- Adapters are available in a variety of configurations



### Specifications

#### Material

Body	Brass
Center Contacts	Brass (Male) Beryllium Copper (Female)
Insulators	Teflon <sup>®</sup>
Spring Member	Beryllium Copper

#### Electrical

Impedance	75 Ohms
Operating Frequency	DC to 2.5 GHz

#### Mechanical

Life	30,000 cycles minimum
Cable Retention	140 lbs minimum, 1/2" diameter cable 100 lbs minimum, 3/8" diameter cable

#### Environmental

Moisture	0 to 98% MIL-STD-202, Method 106
Temperature	-20° to +70° C
Corrosion	MIL-STD-202, Method 101

#### Finishes

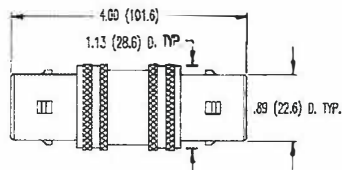
Body	Nickel
Center Contacts	Gold over Nickel
Outer Contacts	Silver



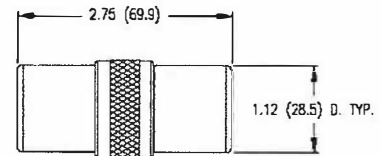
# Standard Connectors - Adapters, Jacks, and Plugs

Cable Group	Belden	Clark Wire & Cable	Gepco	Center Conductor O.D.	Core O.D.	Inner Braid O.D.	Inner Jacket O.D.	Outer Braid O.D.	Outer Jacket O.D.
70	8233 8233A	TV7511-DB TV7511DBR	VT61811PE VT61811	#14 AWG Solid .064	.285 Foam PE	.315	.365 PE	.395	.475 PE
73	1856A 1857A 9267	TV7559D	LVT61859 VT61859	#20 AWG Solid .032	.146	.176	.216 PE	.250	.360 NEOP
74	9232 1858A	TV7511D	LVT61811	#14 AWG Stranded .064	.312 Foam PE	.342	.392 PE	.422	.520 NEOP
76	8232 8232A			#20 AWG Solid .032	.143 ± .004 Foam PE	.176	.226 ± .005 PE	.256	.315 ± .007 PE
78	88232			#20 AWG Solid .032	.140 Foam	.168	.188	.216	.246
79	1859A	TV7511DP	VT61811TK	#14 AWG Stranded .064	.285 Foam PE	.313	.350 Solef	.378	.410 Solef
80	7784A			.055 (1.4mm) Stranded	.236 (6.0 mm) Foam PE	.284	3.44 (8.7 mm) PVC	.371	.443 (11.0 mm)

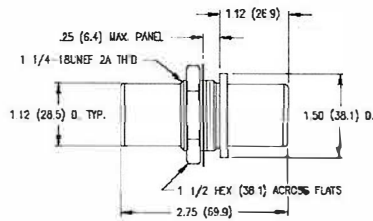
Refer to RF Catalog for entire list of part numbers



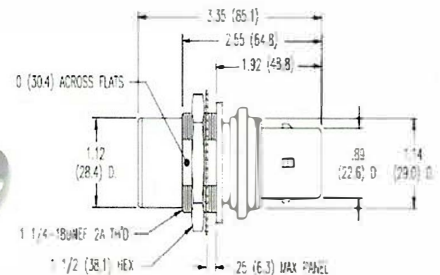
Adapter, Plug-Plug



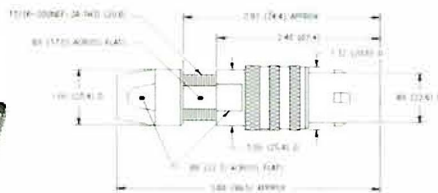
Adapter, Jack-Jack



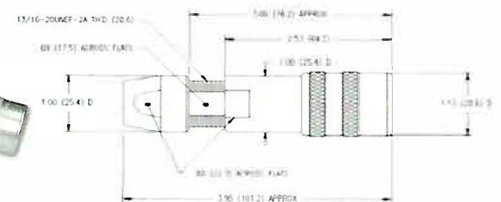
Adapter, Jack-Jack  
Bulkhead Mount



Adapter, Jack-Plug  
Bulkhead Mount



Standard Plugs



Standard Jacks

Connecting Innovation to Application®