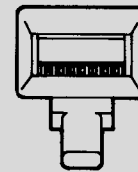
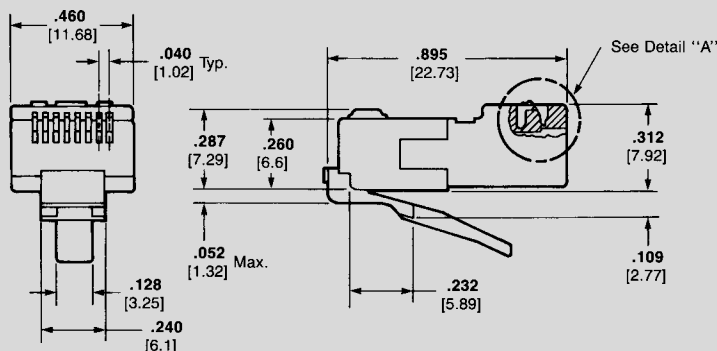




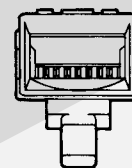
## Category 6 Modular Assemblies



PRIORITY ELECTRONICS manufactures a complete line of voice and data modular cable assemblies. PRIORITY utilizes the highest quality connectors and all assemblies are tested for continuity before shipping. All assemblies come with an anti-snag boot integral to the connector. All Category 6 assemblies are batch tested and labeled to indicate their certification. Category 6 assemblies are available in any desired length.



Flat Oval Cable



Round Cable

Latch must be in position as shown after terminating



Detail "A"

## Connector Specifications

### Electrical:

**UL Applications** - 150 volts ac max., at 1.5 amps

**Dielectric Withstanding Voltage** - 1000 volts ac

**Insulation Resistance** - 500 megohms

### Mechanical:

**Cable-to-Plug Tensile Strength** - 17 lbs (76 N) min.

**Durability** - 750 mating cycles

### Material and Finish:

**Housing** - Polycarbonate, UL 84V-0 rated

**Contact** - .014 (0.36) thk. phosphor bronze; plated .000050 (0.00127) gold in contact area and gold flash on remainder of contact, over .000100 (0.00254) nickel underplate

## Colors Available

Blue	Black
Orange	Yellow
Green	Pink
Grey	Purple
White	Dec Grey
Red	Brown



### Dimensioning:

Dimensions are in inches and millimeters. Values in brackets are metric equivalents.

All dimensions are nominal unless otherwise specified.

# Cable Specification

## Quabbin® DataMax® 6E

### 1) Construction

Conductor:	24 AWG 7/32 Tinned
Insulation/Thickness:	Polyethylene (O.D.) .039" (1.00mm)
Jacket/Thickness:	PVC .020" (.51mm)
Pairs:	Color coded singles twisted into pairs
Nom. Diameter:	0.220" (5.59mm)
<i>COLOR*</i>	

\*- A variety of colors are available see front.

### 2) Description:

4 pair, 24 AWG stranded, polyethylene insulation, PVC jacket, unshielded. TIA Category 6 and ISO 11801 Class E patch/jumper cable. Backward compatible with 5 and 5e hardware. Performance tested to 600MHz.

### 3) Electrical Characteristics:

Cond. DC Resistance:	26Ohms/kft (85.3 Ohms/km)
Cond. to Cond. Capacit.:	13.5pF/ft (44.3 pF/meter)
Cond. to Shield Capacit:	N/A
Impedance:	100+/-3 Ohms smoothed

### 4) Agency Approvals:

NEC Type CM/CMR, Article 800  
CEC Type CMG  
ETL Verified to Category 6  
100 meter ACR remains positive at > 250MHz

