

# ADAM TECH MODULAR TELEPHONE PLUGS

MTP SERIES

ADAM TECHNOLOGIES

## INTRODUCTION:

Adam Tech MTP series Modular Telephone Plugs are manufactured to terminate flat oval or round telephone cord to REA and Cat. 5 EIA/TIA specifications. Our double strain relief design, molded in polycarbonate, is manufactured with contacts pre-loaded in a variety of sizes and options including shielding and specific contacts for flat or round cable. Adam Tech is a major supplier of telephone line cords to the telecommunications industry.

## FEATURES:

- Preassembled Contacts
- REA Compliant Terminations
- Cat. 5 and 5E available
- Contacts for Flat or Round wire
- Short or Long body choices
- Shielded versions

## MATING TELEPHONE JACKS:

Adam Tech modular telephone jack series and all industry standard telephone Jacks.

## SPECIFICATIONS:

### Material:

Insulator: Polycarbonate, rated UL94V-0  
Insulator Color: Clear  
Contacts: Phosphor Bronze

### Contact Plating:

50 µin Gold (optional 15 or 30 µin) over nickel underplate.

### Electrical:

Operating voltage: 150V AC max.  
Current rating: 1.5 Amps max.  
Contact resistance: 20 mΩ max. initial  
Insulation resistance: 500 MΩ min.  
Dielectric withstanding voltage: 1000V AC for 1 minute

### Mechanical:

Cable to plug tensile strength: 7.71 Kgs (17 lbs) min.  
Durability: 250 Cycles min.  
Wire range: 26 to 28 Awg

### Temperature Rating:

Operating temperature: -40°C to +70°C

## PACKAGING:

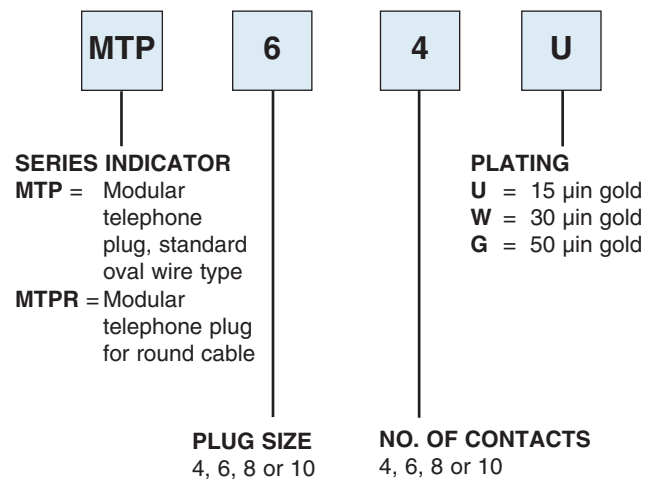
Anti-ESD plastic bags

## SAFETY AGENCY APPROVALS:

UL Recognized File No. E224053



## ORDERING INFORMATION



## OPTIONS:

Add designator(s) to end of part number

- K** = Molded in key (Plug size 8 or 10 only)
- S** = Solid wire contacts
- EMI** = Metal shielded type (Plug size 8 or 10 only)
- OL** = Offset Latch (Plug size 6 only)

**4P4C PLUG**

MTP-44-G

**6P6C PLUG**

MTP-66-G  
MTP-64-G

**8P8C PLUG**

MTP-88-G

### Contact Options

Stranded Wire Contact      Solid Wire Contact

### Cable Options

Flat Oval Cable      Round Cable

Flat Oval Cable Offset Latch      Round Cable Offset Latch

### Plug with Metal EMI Shield Option

MTP-88-G-EMI

### 10P10C PLUG

MTP-1010-G