



AUDIO  
TECHNOLOGIES®

## 1/4" PHONE PLUGS

IO-T3MBK

### TBK SERIES - TS & TRS

Io Audio Technologies' TBK Series 1/4" connectors are designed to have a sleek and fresh appearance while providing some upgrades in mechanics. Available in this series are two and three pole straight gold-plated phone plugs for audio, control, or low voltage applications.



IO-T2MBK

## SPECIFICATIONS

### PRODUCT

Gender: **Male**

Contacts: **2 (IO-T2MBK), 3 (IO-T3MBK)**

### ELECTRICAL

Capacitance Between Contacts: **< 7.6 pF**

Capacitance Between Contact and Ground: **< 9.1 pF**

Contact Resistance: **Depends on Mating Connector**

Insulation Resistance: **≥ 100 MΩ**

Dielectric Strength: **500 V AC @ 60s**

Rated Voltage: **< 100 V DC**

Rated Current per Contact: **Depends on Mating Connector**

### ENVIRONMENTAL

Standard Compliance: **IEC 60603-11 / EIA RS-453**

Solderability: **Complies with IEC 60068-2-20**

Temperature Range: **-40°C ~ +70° C (-40°F ~ +158°F)**

### MECHANICAL

Lifetime: **> 1000 Mating Cycles**

Cable O.D.: **4.0 - 7.0mm**

Wiresize: **2.25mm Max**

Wiring: **Solder Contacts**

### MATERIAL

Plug: **Brass**

Plug Plating: **Gold**

Contacts: **Brass**

Contact Plating: **Tin**

Strain Relief: **Polyoxymethylene**

Strain Relief Finish: **Blue**

Shell: **Aluminum**

Shell Plating: **Black**

Chuck: **Polypropylene**

Bushing: **Polyamide + TPR**

Product specifications may change without prior notification



## FEATURES & APPLICATIONS

The TBK Series 1/4" plugs feature a durable black shell housing designed to allow for smoother plugging and unplugging. Gold-plated plug contacts and tin-plated wire terminals are standard, as well as solder termination and a threaded housing assembly. They include a plastic pressure chuck which tightens onto the cable to provide extended strain relief.

TBK Series 1/4" connectors can be used with modern high density jackfields, so they can be used in a variety of applications including use with various instruments and patch bays for home or professional studios.

### PART NUMBER BREAKDOWN

IO-**T**2MBK  
Series Identifier

IO-T**2**MBK  
Number of Poles

IO-T2**M**BK  
Gender

IO-T2MB**K**  
Body Color

### STANDARDS & CLASSIFICATIONS



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