



# TPI-3000A Universal Adapter Kit

## Description

- The TPI-3000A universal adapter kit contains connectors commonly found in a wide range of applications including communications, instrumentation, and networks.
- The connectors in the kit can also be used with TPI Universal Cables to build custom patch and test cables.
- Connectors are housed in a foam lined soft case.

## Kit Contents

| Description | Qty | Description | Qty | Description        | Qty |
|-------------|-----|-------------|-----|--------------------|-----|
| BNC Male    | 2   | SMA Male    | 2   | Mini-UHF Male      | 1   |
| BNC Female  | 2   | SMA Female  | 2   | Mini-UHF Female    | 1   |
| F Male      | 1   | TNC Male    | 2   | RCA Male           | 1   |
| F Female    | 1   | TNC Female  | 2   | RCA Female         | 1   |
| N Male      | 2   | UHF Male    | 2   | Universal Adapters | 6   |
| N Female    | 2   | UHF Female  | 2   |                    |     |

Made of silver-plated machined brass with gold-plated phosphor bronze contact, anchored in a PTFE dielectric



## Specifications

| Connector      | BNC       | F           | N         | SMA       | TNC       | UHF          | Mini UHF    | RCA         | Universal Adapter |
|----------------|-----------|-------------|-----------|-----------|-----------|--------------|-------------|-------------|-------------------|
| Impedance      | 50        | 50          | 50        | 50        | 50        | Non Constant | 50          | 50          | 50                |
| Freq. Range    | DC – 3GHz | DC – 300MHz | DC – 3GHz | DC – 3GHz | DC – 3GHz | DC – 300MHz  | DC – 2.5GHz | DC – 300MHz | DC – 3GHz         |
| Voltage (max)  | 500Vrms   | 100Vrms     | 1000Vrms  | 335Vrms   | 500Vrms   | 500Vrms      | 335Vrms     | 100Vrms     | 1000Vrms          |
| VSWR           | <1.4:1    | -----       | <1.3:1    | <1.3:1    | <1.3:1    | -----        | <1.25:1     | -----       | -----             |
| Insertion Loss | < -0.2dB  | -----       | < -0.2dB  | < -0.2dB  | < -0.2dB  | -----        | < -0.2dB    | -----       | -----             |



# TPI-3000A Universal Adapter Kit



TPI-3001  
Universal Adapter



TPI-3002  
BNC Male



TPI-3003  
BNC Female



TPI-3004  
F Male



TPI-3005  
F Female



TPI-3006  
N Male



TPI-3007  
N Female



TPI-3008  
SMA Male



TPI-3009  
SMA Female



TPI-3010  
TNC Male



TPI-3011  
TNC Female



TPI-3012  
UHF Male



TPI-3013  
UHF Female



TPI-3014  
Mini-UHF Male



TPI-3015  
Mini-UHF Female



TPI-3020  
RCA Male



TPI-3021  
RCA Female

## KIT REPLACEMENTS

M = male F = female

|     |          |                     |
|-----|----------|---------------------|
| 1.  | TPI 3001 | Universal Interface |
| 2.  | TPI-3002 | BNC M               |
| 3.  | TPI-3003 | BNC F               |
| 4.  | TPI-3004 | F M                 |
| 5.  | TPI-3005 | F F                 |
| 6.  | TPI-3006 | N M                 |
| 7.  | TPI-3007 | N F                 |
| 8.  | TPI-3008 | SMA M               |
| 9.  | TPI-3009 | SMA F               |
| 10. | TPI-3010 | TNC M               |
| 11. | TPI-3011 | TNC F               |
| 12. | TPI-3012 | UHF M               |
| 13. | TPI-3013 | UHF F               |
| 14. | TPI-3014 | Mini. UHF M         |
| 15. | TPI-3015 | Mini. UHF F         |
| 16. | TPI-3020 | RCA M               |
| 17. | TPI-3021 | RCA F               |

