

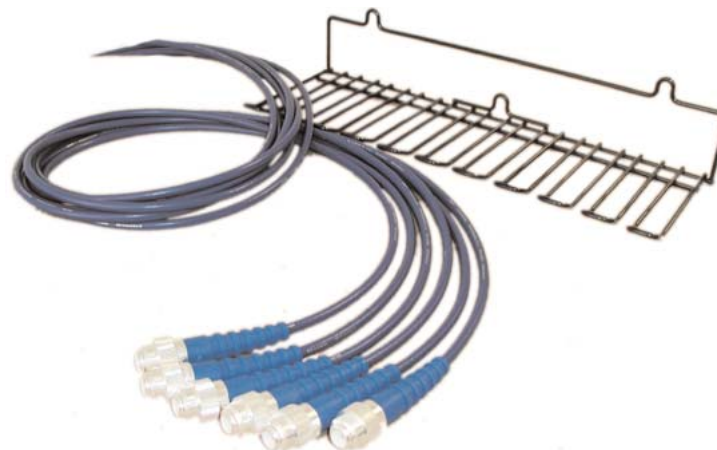


## Item # TPI-5010

### UNIVERSAL ADAPTER CABLE KIT (RG 58)

#### For use with TPI-3000A and TPI-5000A adapter kits

- Provides the functionality of an entire set of cables
- Creates the cable of your choice using the universal cable and any combination of connectors from the kits noted above
- No soldering, no crimping - cable may be used over and over in different combinations
- Soft insulation makes cable flexible and easy to handle
- Kit includes 6 ea. 48" universal cables and wall rack



#### **Material:**

|                         |   |
|-------------------------|---|
| <b>Inner Conductor:</b> | 20AWG (19/0.18mm) Tinned Stranded Copper Wires<br>0.90mm Nominal O.D.   |
| <b>Dielectric Core:</b> | Foamed Polyethylene<br>2.85 +/- 0.10mm O.D.   |
| <b>Shield:</b>          | Adhesive AL-Mylar   |
| <b>Outer Conductor:</b> | Single Braid, 37AWG Tinned Copper Wire<br>3.40mm Nominal O.D.<br>Carriers-----16<br>Ends -----7<br>Picks / 25.4mm ---8 +/- 10%<br>Coverage -----90% |
| <b>Jacket:</b>          | Type II A, Non-Contaminating PVC  |

#### **Specifications:**

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Impedance:</b>               | 50 $\Omega$ + /- 2.0 $\Omega$ |
| <b>Capacitance:</b>             | 94.8 pF/m Nominal             |
| <b>Velocity of Propagation:</b> | 70% Nominal                   |
| <b>Attenuation:</b>             | See Chart Below               |

| db/100ft | MHz  | db/100m | MHz  |
|----------|------|---------|------|
| 0.43     | 1    | 1.4     | 1    |
| 1.4      | 10   | 4.4     | 10   |
| 3.0      | 50   | 9.9     | 50   |
| 4.3      | 100  | 14.0    | 100  |
| 6.1      | 200  | 20.0    | 200  |
| 8.7      | 400  | 28.4    | 400  |
| 11.6     | 700  | 37.9    | 700  |
| 13.2     | 900  | 43.2    | 900  |
| 13.9     | 1000 | 45.6    | 1000 |