

# Universal Adapter Kits

25 SERIES

## 40pc deluxe kit

25-AK-40-TGN

This kit provides maximum flexibility to accommodate many different applications. Great for use in the field or on the bench, with our deluxe kit you'll always be able to make the connections that you need. This 40 piece kit contains:

- 6 universal centers
- 2 N males
- 2 N females
- 2 TNC males
- 2 TNC females
- 2 SMA males
- 2 SMA females

- 2 Reverse Polarity SMA males
- 2 Reverse Polarity SMA females
- 2 Reverse Polarity TNC males
- 2 Reverse Polarity TNC females
- 1 BNC males
- 1 BNC females
- 1 MMCX males
- 1 MMCX females



## 25-AK-30-TGN

## 30pc general purpose kit

A time saver for those unique instances where you are required to make connections with several different connector types. These adapters are made from the same high quality materials that all of TCC's connectors are made from in order to ensure the best performance and low insertion loss. Packaged in a soft zippered case, this 30 piece kit contains:



- 6 universal centers
- 2 UHF males
- 2 UHF females
- 2 Mini-UHF males
- 2 Mini-UHF females
- 2 N males
- 2 N females

- 2 BNC males
- 2 BNC females
- 2 TNC males
- 2 TNC females
- 2 SMA males
- 2 SMA females

## 30pc wifi kit

25-AK-30-TGN-WIFI

All of the convenience, flexibility, and quality of our general adapter kit but with components geared for wifi specific applications. This 30 piece kit contains:

- 6 universal centers
- 2 N males
- 2 N females
- 2 TNC males
- 2 TNC females
- 2 SMA males
- 2 SMA females

- 2 Reverse Polarity SMA males
- 2 Reverse Polarity SMA females
- 2 Reverse Polarity TNC males
- 2 Reverse Polarity TNC females
- 1 BNC males
- 1 BNC females
- 1 MMCX males
- 1 MMCX females



# 25 SERIES

# High Frequency Adapter Kits

These adapters are **made from high quality materials** to ensure best **performance and low insertion loss** same standards as applied to the Universal Adapter Kits, **but, designed to work at high frequency ranges.** Listed below the High Frequency Adapter Kits are connectors it comes with. Our **wi-fi** version comes with connectors more specifically targeted for all your wi-fi connection needs, such as reverse Polarity connectors for easier wireless LAN interconnects. The 25-HFAK-30-TGN and the 25-HFAK-30-WIFI-TGN comes packaged in a textured wooden case. The 25-HFAK-40-TGN comes packaged in a soft zippered leather case (textured wooden case optional). Both cases provides excellent protection, easy organization, and enhanced mobility.



**25-HFAK-30-TGN**

Standard High Frequency Adapter Kit includes:  
6 universal centers

- |                 |             |                   |               |
|-----------------|-------------|-------------------|---------------|
| 1 BNC Male      | 1 SMA Male  | 1 BNC Female      | 1 SMA Female  |
| 1 TNC Male      | 1 SSMA Male | 1 TNC Female      | 1 SSMA Female |
| 1 MCX Male      | 1 SMB Male  | 1 MCX Female      | 1 SMB Female  |
| 1 MMCX Male     | 1 SSMB Male | 1 MMCX Female     | 1 SSMB Female |
| 1 Mini-UHF Male | 1 SMC Male  | 1 Mini-UHF Female | 1 SMC Female  |
| 1 N Male        | 1 SMP Male  | 1 N Female        | 1 SMP Female  |

Wi-Fi High Frequency Adapter Kit includes:

- |                     |               |                 |                 |
|---------------------|---------------|-----------------|-----------------|
| 6 universal centers |               |                 |                 |
| 1 BNC Male          | 1 N Male      | 1 BNC Female    | 1 N Female      |
| 1 BNC-RP Male       | 1 N-RP Male   | 1 BNC-RP Female | 1 N-RP Female   |
| 1 TNC Male          | 1 SMA Male    | 1 TNC Female    | 1 SMA Female    |
| 1 TNC-RP Male       | 1 SMA-RP Male | 1 TNC-RP Female | 1 SMA-RP Female |
| 1 MCX Male          | 1 FME Male    | 1 MCX Female    | 1 FME Female    |
| 1 MMCX Male         | 1 UHF Male    | 1 MMCX Female   | 1 UHF Female    |

**25-HFAK-40-TGN**



**25-HFAK-30-WIFI-TGN**

40 piece High Frequency Adapter Kit includes:  
8 universal centers

- |                 |               |                   |                 |
|-----------------|---------------|-------------------|-----------------|
| 1 BNC Male      | 1 N Male      | 1 BNC Female      | 1 N Female      |
| 1 BNC-RP Male   | 1 SMA Male    | 1 BNC-RP Female   | 1 SMA Female    |
| 1 TNC Male      | 1 SMA-RP Male | 1 TNC Female      | 1 SMA-RP Female |
| 1 TNC-RP Male   | 1 SMB Male    | 1 TNC-RP Female   | 1 SMB Female    |
| 1 MCX Male      | 1 SSMB Male   | 1 MCX Female      | 1 SSMB Female   |
| 1 MMCX Male     | 1 SMC Male    | 1 MMCX Female     | 1 SMC Female    |
| 1 UHF Male      | 1 FME Male    | 1 UHF Female      | 1 FME Female    |
| 1 Mini-UHF Male | 1 FAKRA Male  | 1 Mini-UHF Female | 1 FAKRA Female  |





# LOW PIM Adapter Kits

25 SERIES

## 4.1 / 9.5 ADAPTERS (Low PIM $\leq$ - 160 dBc)

The 4.1/9.5 RF connectors is our new product, its small size and low weight just to meet the increasing performance needs of mobile radio communication applications. Features of the 4.1/9.5 connectors are compact design, easy installation, and guarantee excellent return loss and low PIM levels.

### APPLICATIONS

- Telecommunications
- DAS Networks
- Small Cell Systems
- Mobile Applications

**PACKING:** We supply two types of adapters with a black zippered leather case or a textured wooden case for your choosing.

7 piece kit contains one each:

- 4.1/9.5 Male to N Female Right Angle
- 4.1/9.5 Male to N Female
- 4.1/9.5 Male to 4.1/9.5 Female
- 4.1/9.5 Male to 4.1/9.5 Male
- 4.1/9.5 Female to 4.1/9.5 Female
- 4.1/9.5 Female to N Female
- 4.1/9.5 Female to N Male



25-AK4195-11-TGA

7 piece kit contains one each:

- 4.1/9.5 Male to DIN Male
- 4.1/9.5 Male to DIN Female
- 4.1/9.5 Female to DIN Male
- 4.1/9.5 Female to DIN Female
- 4.1/9.5 Male to 4.1/9.5 Female Right Angle
- 4.1/9.5 Male to 4.1/9.5 Female
- 4.1/9.5 Female to 4.1/9.5 Female



25-AK4195-716-TGA

## 4.3 / 10 ADAPTERS (Low PIM $\leq$ - 160 dBc)

The 4.3/10 RF connectors is our new product, this is a different size standard as compared to the 4.1/9.5 shown on the previous page. Features of the 4.3/10 connectors are similar to the 4.1/9.5, also compact design, easy installation, and guarantee excellent return loss and low PIM levels.

### APPLICATIONS

- Telecommunications
- DAS Networks
- Small Cell Systems
- Mobile Applications

**PACKING:** We supply two types of adapters with a black zippered leather case or a textured wooden case for your choosing.

6 piece kit contains one each:

- 4.3/10 Male to DIN Female
- 4.3/10 Male to DIN Male
- 4.3/10 Female to DIN Male
- 4.3/10 Female to DIN Female
- 4.3/10 Female to 4.3/10 Male
- 4.3/10 Female to 4.3/10 Female



25-AK4310-716-TGA

6 piece kit contains one each:

- 4.3/10 Male to N Female
- 4.3/10 Male to N Male
- 4.3/10 Female to N Male
- 4.3/10 Female to N Female
- 4.3/10 Male to 4.3/10 Male
- 4.3/10 Female to 4.3/10 Female



25-AK4310-11-TGA

## 7/16 DIN ADAPTERS

The 7/16 DIN connector interface offers technical advantages over the N or SMA connector interfaces for cellular communications. Capable of carrying high power at high frequencies, 7/16 DINs are larger and more precise, offering more stable electrical and mechanical connections with tighter tolerances and improved VSWR performance.

**Tri-metal, is tarnish free with excellent electrical performance and low PIM.** The hardness of Tri-Metal will stand up to multiple mating cycles. If your application requires frequent coupling and de-coupling and/or if tarnish resistance is an issue, white bronze would be the better plating choice.

All Tri-Metal 7/16 DIN adapters are machined to exacting specifications, made of brass and feature Teflon insulation and gold-plated contacts.



6 piece kit contains one each:

- 7/16 DIN Female to N Male
- 7/16 DIN Male to N Female
- 7/16 DIN Male to N Male
- 7/16 DIN Female to N Female
- 7/16 DIN Female to 7/16 DIN Female

**25-AK-716-TGA**