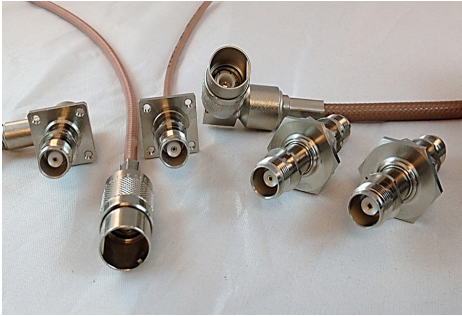


243 Series Keyed TNC

Connectors for Boeing BMS 13–65 Cable



Kings products, like the 243 Series Keyed TNC Connectors, are now sold under the Kings-Win™ brand from Winchester Interconnect™.

Product Description

Winchester Interconnect's Kings-Win keyed RF connector offering was designed for aerospace applications where it is critical to ensure connectors are mated to the correct system port.

Keyed TNC Plug connectors feature an extended length coupling nut which contains a machined flat and keying rib that is offered in 24 different keying angles.

Keyed TNC Jack connectors feature an extended length body with a keying flange that contains a machined flat and keying slot to mate to the corresponding Keyed TNC Plug.

Keyed connections are achieved by aligning the flat features of the plug and jack and also the plug keying rib to the same angle keying slot on the jack. Plug and jack connectors that do not have the same keying angle will not mate.

All connectors were designed for Boeing's BMS 13–65 cables. The performance is equivalent to standard connectors of each series.

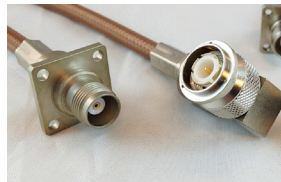
In addition to Keyed TNC Connectors, our Kings-Win brand also offers Keyed Type N and SC connectors.



- Keyed TNC Plug connectors have an extended length coupling nut that features a flat and a keying rib that can be located at up to 24 different angles, or keyed positions, from the flat feature.



- Keyed TNC Jack connectors have an extended body with a keying flange that has a machined flat on one side and a keying slot designed to mate to the keying rib contained on the plug connector.



- Standard TNC Plug connectors can mate to a Keyed TNC Jack connector, but standard TNC Jack connectors will not mate to a Keyed TNC Plug.

 **Winchester**
Interconnect.

We Energize Innovation.

Part Numbers

| Cable Size | Connector Series | Straight Plug | Right-Angle Plug | Panel Mount | Panel 4-40 Thread | Feed-Thru Adapter |
|------------|------------------|---------------|------------------|-------------|-------------------|-------------------|
| OE | TNC | 2435-82-* | N/A | 2431-81-* | N/A | 2439-5-* |
| OF | TNC | 2435-81-* | 2436-81-* | 2431-80-* | 2431-84-* | |
| OG | TNC | 2435-84-* | 2436-84-* | 2431-85-* | 2431-87-* | |
| OH | TNC | 2435-83-* | 2436-83-* | 2431-83-* | 2431-88-* | |
| OJ | TNC | 2435-87-* | 2436-85-* | N/A | 2431-89-* | |
| OK | TNC | 2435-89-* | N/A | N/A | N/A | |
| OF | SC | 2985-3-* | N/A | 2981-6-* | 2981-8-* | |
| OG | SC | 2985-7-* | N/A | 2981-9-* | N/A | |
| OH | SC | 2985-5-* | N/A | 2981-10-* | N/A | |
| OJ | SC | 2985-4-* | 2986-3-* | 2981-5-* | 2981-7-* | |
| OK | SC | 2985-6-* | 2986-4-* | 2981-11-* | N/A | |
| OF | N | 2975-4-* | 2976-3-* | 2971-4-* | 2971-8-* | 2979-1-* |
| OG | N | N/A | N/A | N/A | N/A | |
| OH | N | 2975-6-* | N/A | 2971-6-* | 2971-7-* | |
| OJ | N | 2975-5-* | N/A | 2971-5-* | N/A | |

*Denotes Keying Angle – See Tables Below

| Dash # | Keying Angle |
|--------|--------------|
| -1 | 42° |
| -2 | 54° |
| -3 | 66° |
| -4 | 78° |
| -5 | 90° |
| -6 | 102° |
| -7 | 114° |
| -8 | 126° |

| Dash # | Keying Angle |
|--------|--------------|
| -9 | 138° |
| -10 | 150° |
| -11 | 162° |
| -12 | 174° |
| -13 | 186° |
| -14 | 198° |
| -15 | 210° |
| -16 | 222° |

| Dash # | Keying Angle |
|--------|--------------|
| -17 | 234° |
| -18 | 246° |
| -19 | 258° |
| -20 | 270° |
| -21 | 282° |
| -22 | 294° |
| -23 | 306° |
| -24 | 318° |



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