

Section 11

**CONNECTORS and
ADAPTORS**

Updated 23 February 2011

**Adaptors
Tri-Metal Plated, Low PIM
N-Type and 7/16" DIN**



Passive Intermodulation Distortion (PIM) is a phenomenon that occurs when two signals present on a transmission line mix in a non-linear manner. This mixing creates additional frequency components that may fall within a specified band, causing interference. Poorly designed or assembled connectors, cable assemblies or antennas can generate PIM.

For connectors and adaptors, the metal-to-metal joints are the most significant PIM contributors. Steel, aluminium and stainless steel joints generate higher PIM. Gold, silver, copper, brass and copper-beryllium joints generate low PIM.

This range of Brass Tri-Metal Plated Adaptors are specifically designed to deliver genuine low PIM performance.

8228



N-Type MALE to N-Type FEMALE Adaptor
**Tri-Metal Plated
Low PIM**

8229



N-Type MALE to N-Type MALE Adaptor
**Tri-Metal Plated
Low PIM**

8230



N-Type FEMALE to N-Type FEMALE Adaptor
**Tri-Metal Plated
Low PIM**

8231




N-Type MALE to 7/16" DIN FEMALE Adaptor
**Tri-Metal Plated
Low PIM**

8232




N-Type FEMALE to 7/16" DIN MALE Adaptor
**Tri-Metal Plated
Low PIM**

8233



N-Type MALE to 7/16" DIN MALE Adaptor
**Tri-Metal Plated
Low PIM**

8234



7/16" DIN MALE to 7/16" DIN MALE Adaptor
**Tri-Metal Plated
Low PIM**

8235



7/16" DIN MALE to 7/16" DIN FEMALE Adaptor
**Tri-Metal Plated
Low PIM**

8236



7/16" DIN FEMALE to 7/16" DIN FEMALE Adaptor
**Tri-Metal Plated
Low PIM**