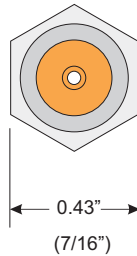
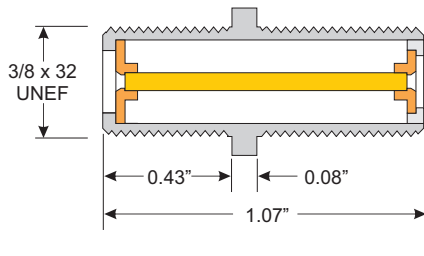


HIGH FREQUENCY BARREL CONNECTOR

In-Line Splice Connector for High Frequencies



ELECTRICAL CHARACTERISTICS

	<u>0~1 GHz</u>	<u>1~2 GHz</u>	<u>2~3 GHz</u>
Insertion Loss:	<0.06dB	<0.07 dB	<0.10 dB
Return Loss (Min):	>30 dB	>30dB	>30dB

MECHANICAL CHARACTERISTICS

- Threaded outer cylinder is brass
- Outer cylinder plating is nickle
- Inner conductor tube is phosphor bronze
- Inner conductor tube plating is gold
- Inner conductor support dielectric is an orange colored Polythene
- End cap is brass
- End cap plating is nickle

PERFORMANCE

- Internal components designed for high frequency
- Gold plated center conductor assures minimum RF loss & good electrical connections
- Resilient internal metals for dependable repeated insertions connections
- Can easily be used in wall plates using the included washer and nut
- Minimal insertion loss
- Indoor use only

DESCRIPTION

The internal components of this fitting are much different from a standard VHF/UHF barrel connector. The center coax conductor indexes into a close-tolerance tube that is resilient (spring) brass and is gold plated.

The close center-tube tolerance assures a tight connection, the gold plating assures a good electrical connection and the overall performance is greatly improved over standard designs.

Internally, the center conductor tube is insulated from the inner skin of the barrel by a maximum air gap which results in much less RF loss. Insertion loss is extremely low and not really necessary to consider in complex systems.