

Section 11

CONNECTORS and ADAPTORS

Updated 23 February 2011

EIA Flange Connectors for Air Dielectric Cable



These EIA connectors are designed especially to suit 7/8" or 1-5/8" Air Dielectric Cables. They are available individually, or can be supplied as part of a cable set assembled to your requirements.

EIA Flange Air connectors feature chrome plated beryllium-copper inner conductors with teflon dielectrics and nickel silver plated bodies. They are ideal for high power transmission installations with metal to metal contact between cable and connector. No plastic parts are used.

To join two Air Cables with EIA connectors, two identical flange sockets are fitted to the cables to be joined. Cable can be prepared using a Trimming Tool or just usual hand tools. A captivated joining bullet is used to make a quick, easy and solderless connection between the two EIA flange centre conductors.

Installation instructions are supplied with each connector.



SPECIFICATIONS	78EIA7850-A	158EIA15850-A
For Cable Type	Suit 7/8" Air Dielectric or Air Radiating Cable	Suit 1-5/8" Air Dielectric Cable
Mating Interface	7/8" EIA, Air Stop	1-5/8" EIA, Air Stop
Max Frequency	3.7 GHz	3.7 GHz
Connector Plating	Chrome	Chrome
Outer Diameter	57 mm	87 mm
Length	76.5 mm	120 mm
Weight	700 grams	1.450 kg
JOINING KIT SUPPLIED	1 x Joining Bullet 1 x O-Ring 3 x Bolts and Nuts 6 x Washers	1 x Joining Bullet 1 x Allen Key 1 x O-Ring 4 x Bolts and Nuts 8 x Washers