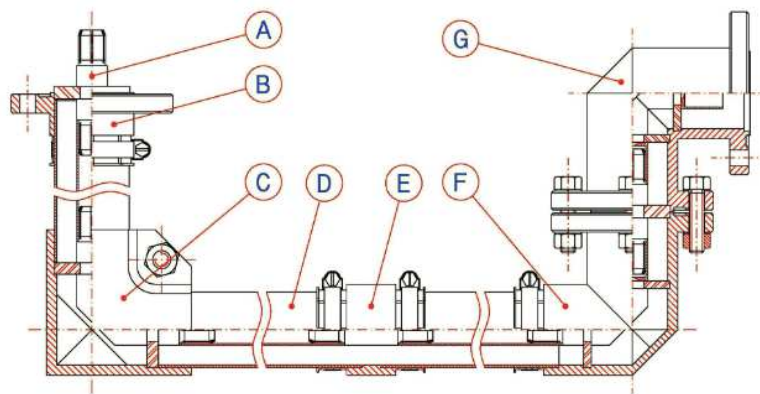


## PASSIVE COMPONENTS

Delta Meccanica produces a wide range of accessories for professional broadcasting applications like elbows, reducers, flanges, coupling elements etc that you need between transmitter and antenna system. These devices are built in aluminum, brass and copper, and have chemical or galvanic surface treatments to improve the R.F. performances. All the components are obtained starting from a single solid piece of aluminum or brass, and some items, i.e. elbows, are manufactured by fusions. The components dimensions refers to IEC 339/EIA standards, and they may be coupled with components of others suppliers, if also these ones are built according to the over reported standards. **PLEASE READ CAREFULLY:** In case of order, please always specify, if the items must be used for outside or inside applications, because the solutions are different. The clamping (unflanged) configuration may never be used for outside applications.

Typical arrangement scheme of some elements:



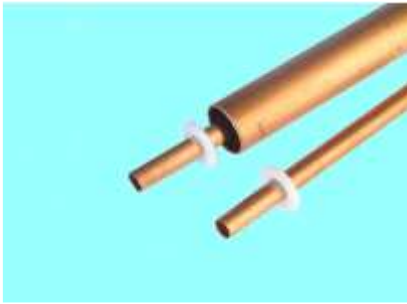
Legend of the scheme

- A) Anchor insulator connector (inner)
- B) Flange with clamping connection
- C) Elbow with clamping connections
- D) Coaxial rigid line
- E) Straight adaptor
- F) Elbow one side flanged the other with clamping connection
- G) Flanged elbow

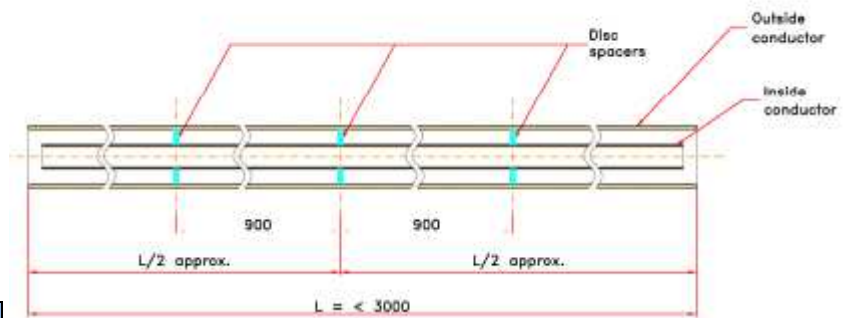
## COAXIAL RIGID LINES

Our coaxial rigid lines are in copper, (7/8" – 1 5/8" - 3 1/8" exist also with outer conductor in aluminum, only for indoor applications, and are comply with IEC 339-2 50-EIA standard. The bars standard have a maximum length (for shipment reason) from 2,5 to 3 m (around 8-10 feet), on request we may supply longer bars (not longer than 6 m – 20 feet). Normally the standard items are sold without inner conductor supports, because usually our customers cut the line in many short pieces, where the internal spacers are no necessary. Instead if you have to use the line in pieces with a length greater than 1,5m (but consider that this value depends on the coaxial rigid line's diameter Ref. to our: "Rigid Lines User Manual"), it's necessary to install the inner conductor supports inside the line, to avoid the inner pipe downswing, making worse the VSWR. Please note: items in compliance with IEC 339-2 50-EIA standards, are required to have only flanged connections, different connection types, for example the ones we define as "clamping connection" (each Company defines them in different ways) are not standardized, for that it may be not possible to connect devices from different Company. **PLEASE READ CAREFULLY:** Customers are kindly request to specify, on their RFQ, the employ conditions of the rigid line he wants to order, so in this way we are able to suggest the right configuration to choose. Furthermore when the total length exceed 6 m ( around 20 feet) and the connecting system needs many accessories like several elbows-reducers-straight adaptors etc, it could be necessary to use some line matching to recover a good R.F. performances. If Customer does not specify anything, we will delivery only the coaxial line pipes.

Product description **7/8" Rigid Line**



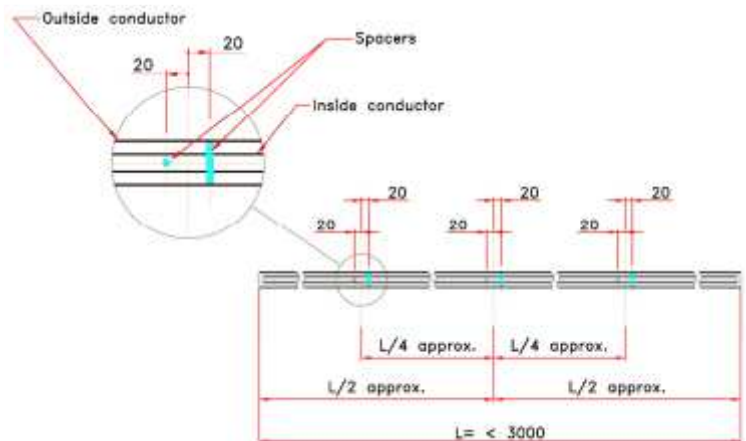
Part Number	<b>78-0000</b>
Impedance [Ohm]	50
Weight [Kg]	0.9 Kg/m



Product description **1 5/8" Rigid Line**



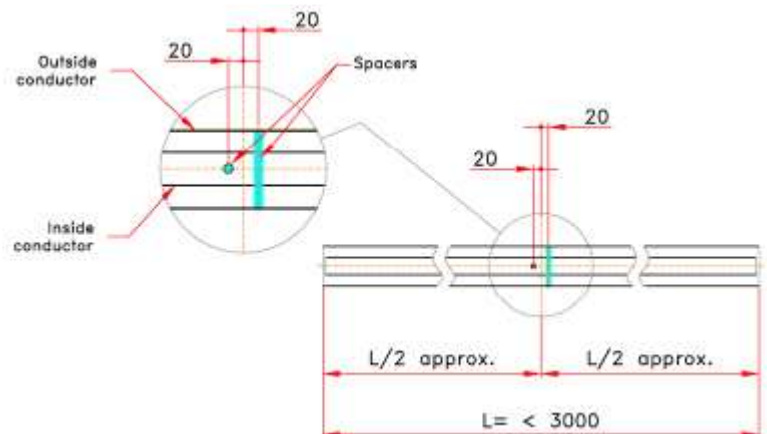
Part Number	<b>158-0000</b>
Impedance [Ohm]	50
Weight [Kg]	2.1 Kg/m



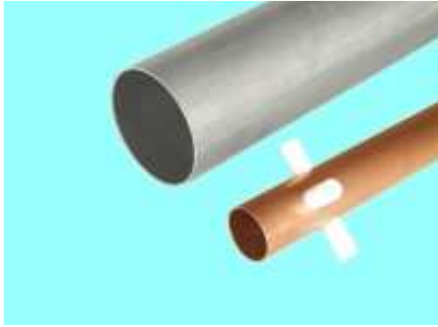
Product description **3 1/8" Rigid Line**



Part Number	<b>318-0000</b>
Impedance [Ohm]	50
Weight [Kg]	4 Kg/m



Product description **3 1/8" Rigid Line with aluminum outer conductor**

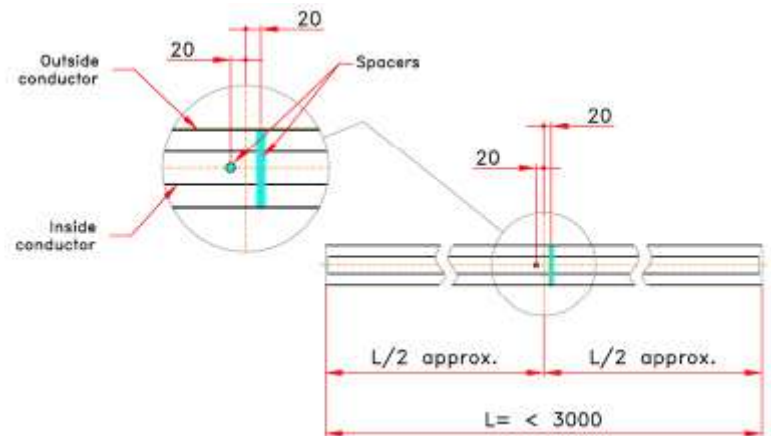


Part Number	<b>318-0000-AL</b>
Impedance [Ohm]	50
Weight [Kg]	2 Kg/m

Product description **4 1/2" Rigid Line**



Part Number	<b>412-0000</b>
Impedance [Ohm]	50
Weight [Kg]	5.7 Kg/m



Product description **6 1/8" Rigid Line**



Part Number	<b>618-0000</b>
Impedance [Ohm]	50
Weight [Kg]	9.8 Kg/m