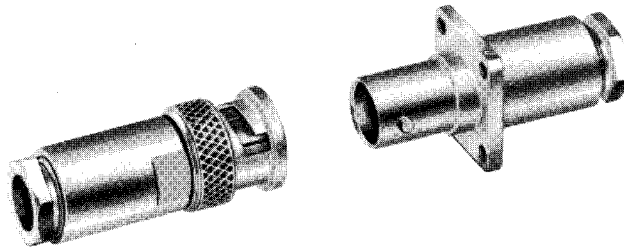


Triaxial Connectors

BNC TRX series



GENERAL CHARACTERISTICS

These triaxial connectors (designed for the inter-connection of two triaxial cables or a triaxial cable to a bulkhead termination) allow the following individual electrical connections :

- centre contact
- inner screen
- outer screen (insulated from the inner screen)

These three elements are isolated from each other by use of teflon dielectrics.

- Bayonet coupling (these connectors will not mate with either the standard BNC series or the BNC - HT series)
- Splashproof
- Operating temperature range : - 55 + 125° C
- Plating : NSR (R)

ELECTRICAL CHARACTERISTICS

- Characteristic impedance : 50 Ohm
- Operating frequency range : to 10 000 MHz
- Test voltage :

Between centre conductor and inner screen
Between inner screen and outer screen

Unmated connector	Mated pair
1 500 V. rms	3 000 V. rms
1 000 V. rms	1 000 V. rms

COAXIAL CABLES designed for use with BNC - TRX series

N° 1 - Polyethylene cable O/D : 7.3 (RG. 58 C/U + outer screen + sheath)

Filotex type 11 820 Ed2

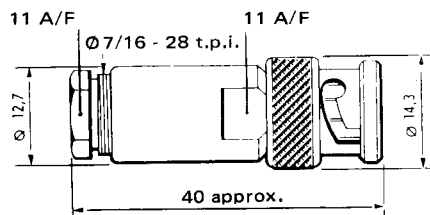
Amphenol type 21 - 204

N° 2 - Teflon cable O/D : 6.7

Filotex type 17 412

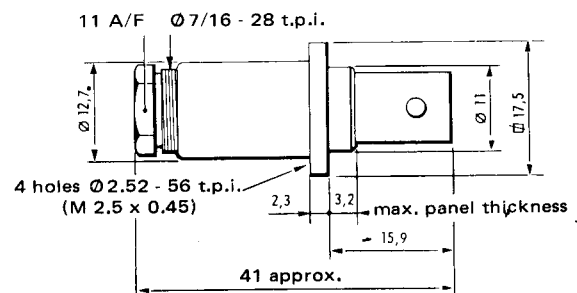
FEMALE SOLDER PLUG

CODE	OTHER PART NUMBER	CABLES	WEIGHT
R. 266 010	R. 31 010	N° 1	22 g.
R. 266 005	R. 31 020	N° 2	22 g.



MALE CHASSIS JACK

CODE	OTHER PART NUMBER	CABLES	WEIGHT
R. 266 255	R. 31 030	N° 2	24 g.
R. 266 260	R. 31 050	N° 1	24 g.



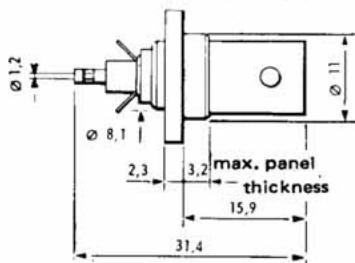
BNC-TRX series

MALE CHASSIS RECEPTACLE ■

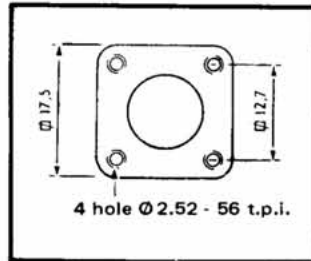
CODE R. 266 403

Other Part N° : R. 31 000

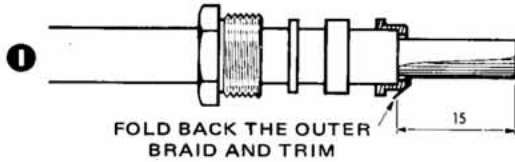
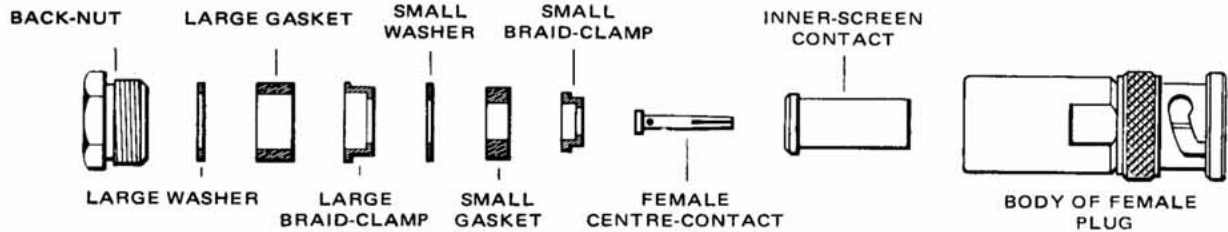
Weight : 11.5 g.



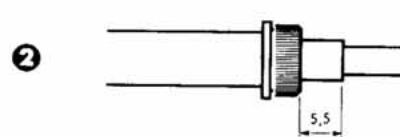
■ FLANGE DIMENSIONS



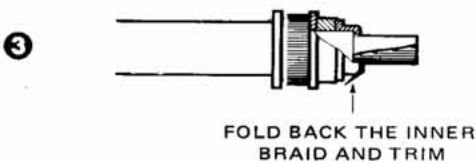
Assembly Instructions



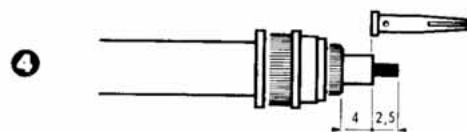
Strip outer sheath to 15 mm and slide on the large braid-clamp.



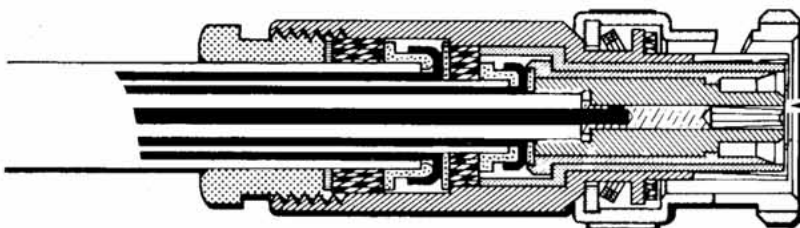
Strip the insulation between the braids to within 5.5 mm of folded outer braid as shown.



Slide on : 1) the small washer
2) the small gasket - 3) the small braid clamp.



Strip the cable dielectric to within 4 mm of folded inner braid leaving 2.5 mm of the inner-conductor bared as shown.
Solder the centre contact to the inner conductor.



Extremity of female-centre contact flush with end of connector dielectric as shown.