

Coaxial Twin Connectors BR2 series

FOR SCREENED TWIN CABLES



GENERAL CHARACTERISTICS

- Bayonet lock coupling with polarisation
- Materials : all metal parts under stress in beryllium copper
other metal parts : brass
insulators : polyamide and diallyphtalate
gaskets : neoprene
- Plating : N.S.R. ★[®]
- Temperature range : - 40 + 100° C

F. 0-0.5 GHz

ELECTRICAL CHARACTERISTICS

- Dielectric withstanding voltage

between pins	1.500 volts RMS, 50 Hz
between pins and body	
- Maximum intensity : 3.5 Amp.
- Insulation resistance

between pins	> 10 ⁵ MΩ
between pins and body	
- Contact resistance : < 1 mΩ at 1 Amp.
- Capacity at 1 MHz

between pins	< 1.3 pF
between pins and body	< 3.2 pF

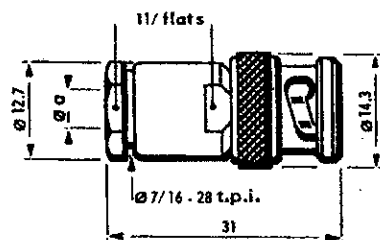
COAXIAL CABLES SUITABLE FOR BR 2 CONNECTORS

MAX EXT. DIA	CENTRAL CONDUCTOR Ø	ELEMENT Ø	BRAID Ø	SHEATH
4	1.1	1.3	3.9	4.5
5	1.1	2.2	3.9	5.5
6	1.1	2.2	5.2	6.4

BR2 series

⊗ Dimensions of plates

★ Cable mounting

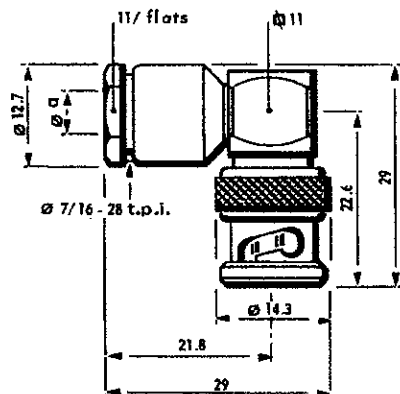


STRAIGHT PLUGS

CODE R. 605 004

CODE R. 605 005

CODE R. 605 006

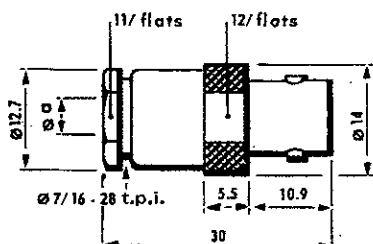


RIGHT ANGLE PLUGS

CODE R. 605 154

CODE R. 605 155

CODE R. 605 156

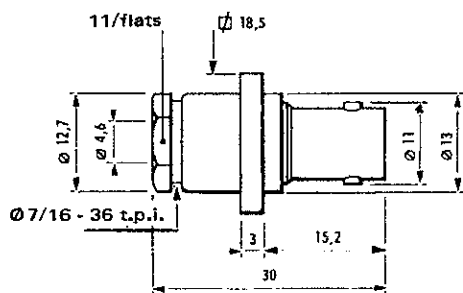


STRAIGHT JACKS

CODE R. 605 204

CODE R. 605 205

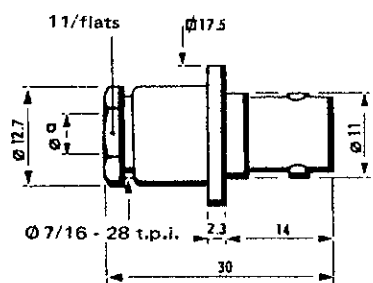
CODE R. 605 206



⊗ STRAIGHT JACK WITH INSULATED PLATE

CODE R. 605 253

Plate type : B



⊗ STRAIGHT JACKS WITH PLATE

CODE R. 605 254

CODE R. 605 255

CODE R. 605 256

Panel piercing : a1 or a2

Plate type : A

plugs

EXT. DIA. OF CABLE	MAX. EXT. DIA. OF CABLE : a	CABLE ASSEMBLY	WEIGHT g.
4	4.5	A	18.5
5	5.5	A	18
6	6.4	A	17.5

4	4.5	A	25
5	5.5	A	24
6	6.4	A	23

jacks

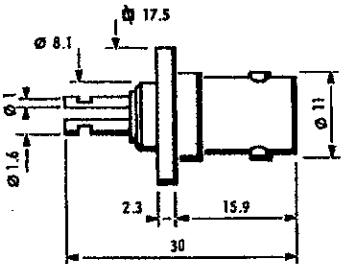
4	4.5	A	7
5	5.5	A	16,5
6	6.4	A	16

4	4.5	A	
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4	4.5	A	17
5	5.5	A	17.5
6	6.4	A	18

BR2 series receptacles

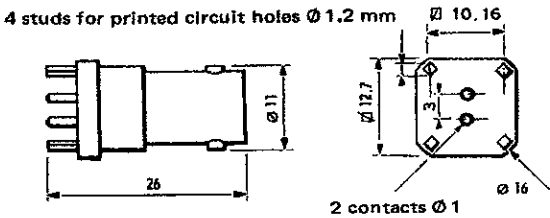
Ⓜ Dimensions of plate



RECEPTACLE WITH PLATE

CODE R. 605 400

PANEL PIERCING	WEIGHT g.
a1 or a6	10

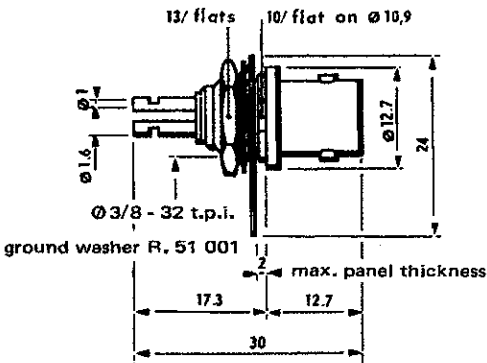


PRINTED CIRCUIT RECEPTACLE

CODE R. 605 440

On special order only

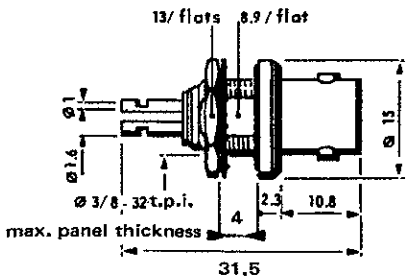
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BULKHEAD RECEPTACLE

CODE R. 605 550

e4	10
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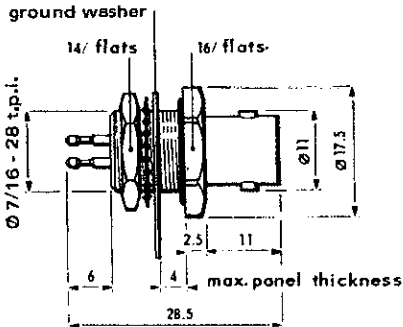


BULKHEAD RECEPTACLE

Weatherproof

CODE R. 605 600

e6	10.5
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HERMETICALLY SEALED
BULKHEAD RECEPTACLE

Glass sealed

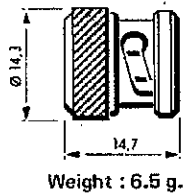
CODE R. 605 610

smooth hole Ø 11.1	
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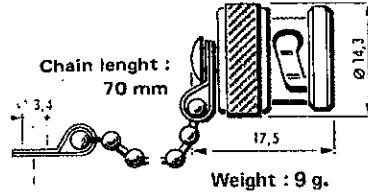
BR2 series caps

Gasket : elastomere silicone

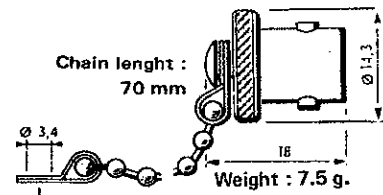
WITHOUT CHAIN
CODE R.141 802
Other reference : CW. 155 A/U
R. 90 220



WITH BEAD CHAIN
CODE R. 141812
Other reference : CW. 123 A/U
R. 9 020

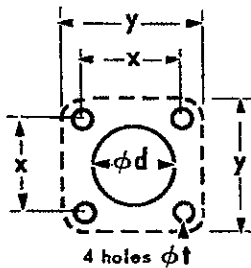


CODE R. 141 842
Other reference : CW. 282/U
R. 9 720



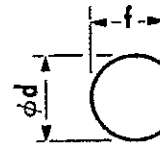
panel piercing

a



TYPE	x	y	ϕd	ϕt
a1	12,7	17,5	11,2	2,6
a2	12,7	17,5	12,9	2,6
a6	12,7	17,5	8,2	2,6

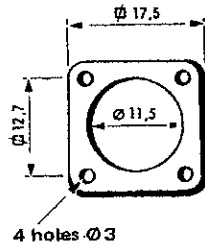
e



TYPE	f	ϕd
e4	10,1	11
e6	9	9,5

GASKET FOR PLATES

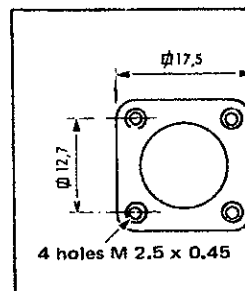
CODE R. 280 503
Other reference : R. 9 366



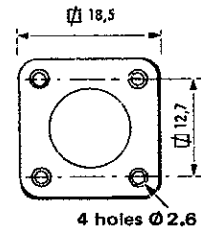
Thickness : 1.5
Material : neoprene
Weight : 0.4 g.

■ DIMENSIONS OF PLATES

A

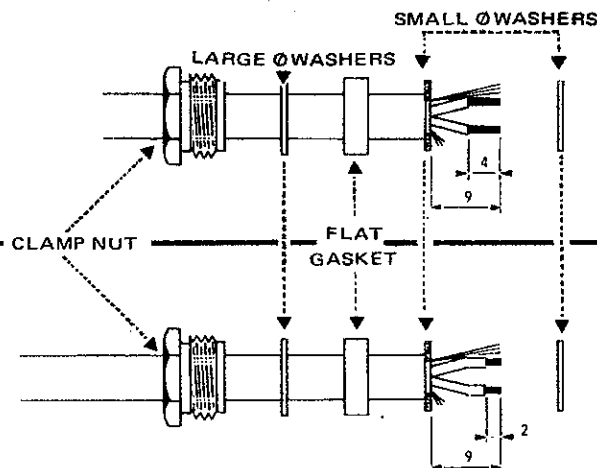


B

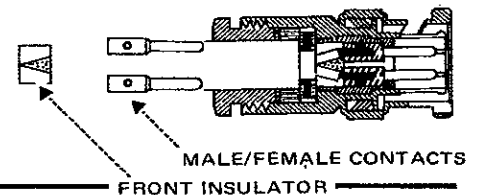


cable assembly

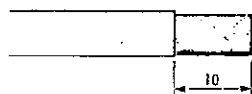
A



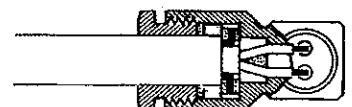
STRAIGHT PLUGS AND JACKS



B



RIGHT ANGLE PLUGS



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

R605256000