



UP TO 3 GHz

# BNC cabling solutions for high-definition TV applications

## Advantages

- > Precision coaxial connector up to 3 GHz,
- > Transmission of high-definition video signals,
- > Easy to connect on site,
- > Compatible with the whole range of standard BNC connectors.

## General characteristics

- > Characteristic impedance: 75  $\Omega$ ,
- > Return Loss > 30dB up to 3GHz for the connector,
- > Return Loss > 25dB up to 3GHz for 1 meter terminated cord,
- > Custom-designed assembly cord on request.

## Applications

- > High definition television screen,
- > Radio and telecommunication equipment,
- > Mobile phone,
- > Video and computer,
- > Measurement,
- > Local Area Network.

[www.sofim.axon-cable.fr](http://www.sofim.axon-cable.fr)

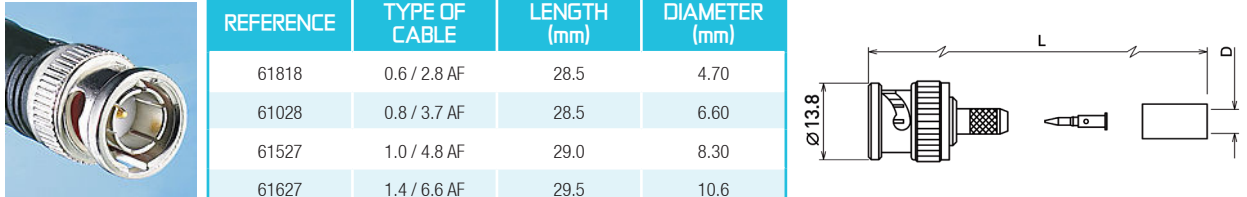
 **sofim**  
NETWORKS VOICE DATA IMAGES

# BNC cabling solution

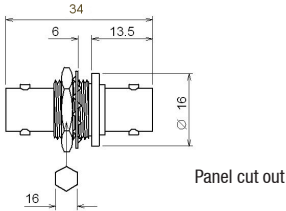
SOFIM offers a whole range of standard BNC connectors and assembly cords.

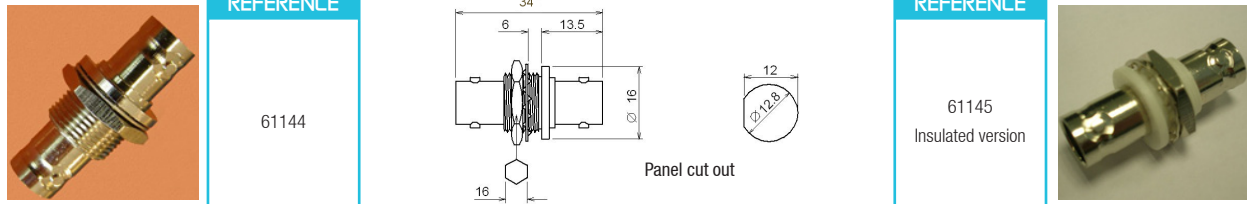
## BNC male connector

REFERENCE	TYPE OF CABLE	LENGTH (mm)	DIAMETER (mm)
61818	0.6 / 2.8 AF	28.5	4.70
61028	0.8 / 3.7 AF	28.5	6.60
61527	1.0 / 4.8 AF	29.0	8.30
61627	1.4 / 6.6 AF	29.5	10.6

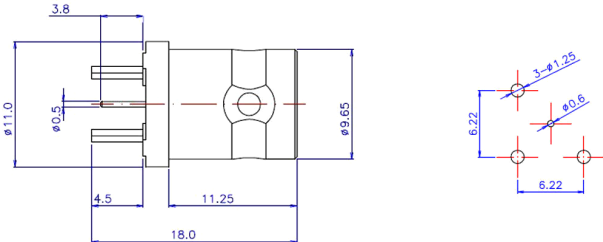


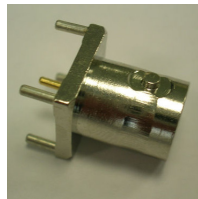
## BNC female / female adaptor

REFERENCE	Panel cut out	REFERENCE
61144		61145 Insulated version



## Solder PCB connector


REFERENCE	Panel cut out
61142	



## Boot

The table below gives the colour of the different boots depending on the type of connector.

CONNECTOR REFERENCE	BLACK	RED	GREEN	BLUE
61818	M20330	M20332	M20335	M20336
61028	M20030	M20032	M20035	M20036
61527	M21030	M21032	M21035	M21036
61627	M21130	M21132	M21135	M21136



## Crimping tool

The table below gives the dimensions of the crimp dies to be used for each type of connector as well as SOFIM tool's references.

CONNECTOR REFERENCE	HEX. FERRULE	HEX. CONTACT	TOOL REFERENCE	DIES REFERENCE
61818	5.00 (0.197)	1.07 (0.042)	30140	30141
61028	6.48 (0.255)	1.32 (0.052)	30140	30142
61527	8.23 (0.324)	1.32 (0.052)	30140	30142
61627	10.9 (0.429)	1.73 (0.068)	30140	30142 + 30143

