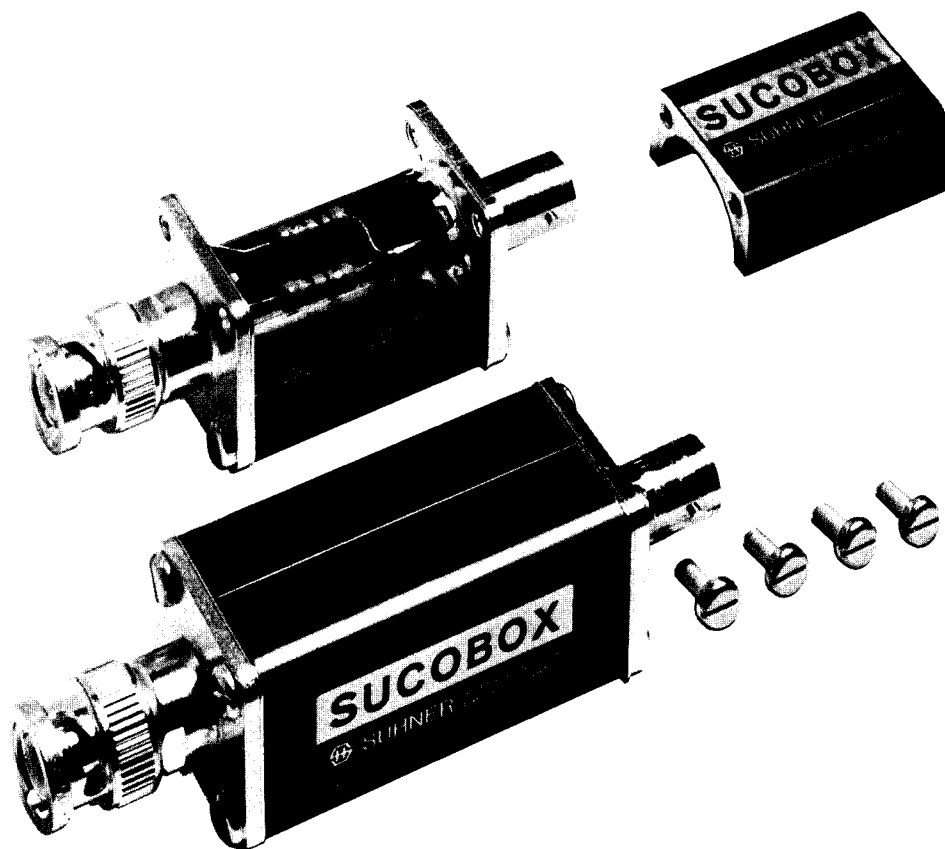


Component container «Sucobox»



Usage

The Suhner «Sucobox» is a versatile component container with coaxial input and output connectors. Various systems such as filters, impedance transformers, potential dividers, attenuators, resistor terminations etc. can be housed, protected and screened. The Suhner «Sucobox» system, combined with the extensive Suhner RF connector range, offers numerous combinations which also meet special application requirements (such as screening various circuits within the container).

Structure

The **basic element** consists of two similar container parts (peraluman profile, anodized,

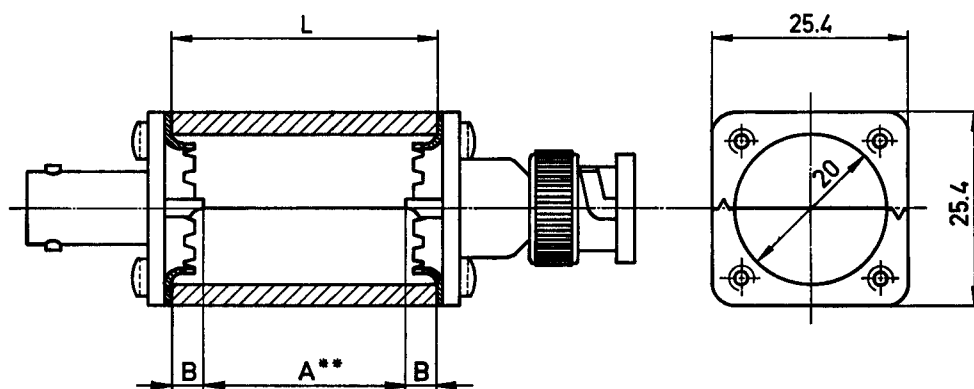
blue), two soldering plates for easy soldering of the earthing, the corresponding Suhner RF-connectors and screws.

The **extension unit** consists of two similar container parts and 4 screws. Shielding plates are available to divide the box into separate screened compartments.

The basic element can be expanded by a maximum of two extension units.

Soldering plates and shielding plates can be purchased separately. The basic element is only available together with the corresponding RF connectors.

Dimensions and Codes



Description	L* (mm)	Sucobox No.
Basic element	35	66 CB-35-0-1
Basic element	50	66 CB-50-0-1
Extension unit	35	66 CB-35-0-2
Soldering plate	—	72 Z-0-0-5
Shielding plate	—	73 Z-0-0-9

* Other lengths are available upon request

** Dimension A is the difference between L and the two B dimensions of the connectors being used

Available Connectors

Series	Impedance	Specif.	B (mm)	Code
BNC	50 Ω	m (male)	1.5	13 BNC-50-0-2
BNC	50 Ω	f (female)	8.0	23 BNC-50-0-2
BNC	75 Ω	m	1.5	13 BNC-75-0-2
BNC	75 Ω	f	8.0	23 BNC-75-0-7
N	50 Ω	m	9.0	13 N-50-0-1
N	50 Ω	f	9.0	23 N-50-0-1
N	75 Ω	m	9.0	13 N-75-0-1
N	75 Ω	f	9.0	23 N-75-0-1
C	50 Ω	m	9.0	13 C-50-0-2
C	50 Ω	f	8.5	23 C-50-0-2
C	75 Ω	m	9.0	13 C-75-0-2
C	75 Ω	f	8.5	23 C-75-0-2
UHF	—	m	10.5	13 UHF-0-0-2
UHF	—	f	12.0	23 UHF-0-0-2

Cable feed-through with 1" flange

Suitable for cables	Outer dia. max. (mm)	Cable entry	Code	Tool
RG 196 A/U	2.2	screwed	71 Z-0-1-2	B
RG 188 A/U	3.0	screwed	71 Z-0-2-3	
RG 58 C/U	5.3	crimped	71 Z-0-3-13	
RG 223/U	5.8	screwed	71 Z-0-3-10	B
		crimped	71 Z-0-3-14	
		crimped	71 Z-0-4-8	
RG 59 B/U	6.4	screwed	71 Z-0-4-5	C
G 04233-d	6.9	crimped	71 Z-0-4-9	C
RG 6 A/U	7.2	screwed	71 Z-0-5-3	D
RG 213/U	10.8	crimped	71 Z-0-7-7	
RG 214/U	11.3	screwed	71 Z-0-7-5	
		crimped	71 Z-0-7-8	D
		screwed	71 Z-0-7-6	

Example of order

Sucobox 66 CB-50-0-1 UHFf/BNCm