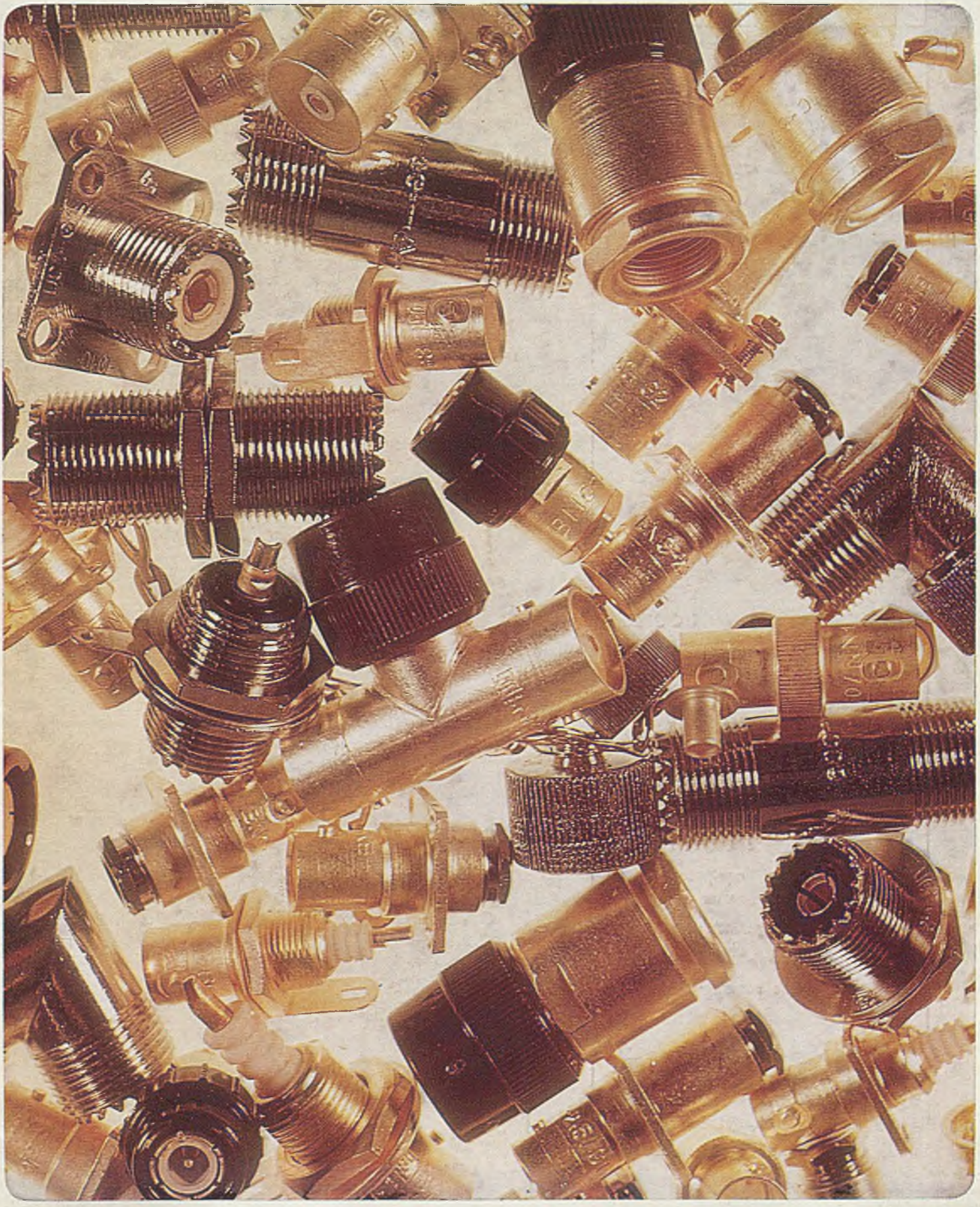
HIGH-FREQUENCY CONNECTORS

UNITRA



UNITRA UNITECH

UNITRA-UNITECH is a multi-plant enterprise specialized in the production of electromechanical contact subassemblies and manufacturing of certain passive components. These subassemblies are designed for application to devices used in electronics, automation and telecommunication as well as in other branches where electronics is used.

THE PRODUCTION PROGRAM EMBRACES:

- Edge connectors for printed circuit boards
- Indirect connectors for printed circuit boards
- Rack and panel connectors with accessories
- High-frequency coaxial connectors
- Electroacoustic equipment connectors for consumer use
- Pushbutton segment switches
- Slide switches
- Air dielectric rotary variable capacitors

Technical data as well as assembly and operation recommendations are given in detailed descriptions delivered on buyer's request by the manufacturer.

UNITRA-UNITECH manufacture and supply high--frequency coaxial connectors of the following types:

— BNC-50 coaxial connectors

— BNC-75 caoxial connectors

— BNC-2.5 coaxial connectors

— C-5 coaxial connectors

— C-50 coaxial connectors

— UC coaxial connectors

— Adaptors for coaxial connectors

TERMINOLOGY

— connector — set of electrically conducting components having sufficient conductivity and contact site intergrity

— high-frequency connector — a connector for use in high-frequency circuits

— coaxial connector — a connector having coaxial contacts and coaxial other elements

— screwed joint connector — a connector with screwed joint coupling

— bayonet joint connector — a connector with bayonet coupling, quick release

— socket — connector part containing female contacts giving electrical connection with male pin or plug contacts. Usually designed for electrical connection with peripheral circuits and fixing in an electronic device

— cap — connector part containing female contacts giving electrical connection with male plug or pin contacts. Usually designed for electrical connection with peripheral circuits and as termination of flexible cables,

— pin — connector part containing male contacts giving electrical connection with socket or cap contacts designed for connecting its terminals to peripheral circuits and for fixing in an electronic device

— plug — connector part containing male contacts giving electrical connection with socket or cap contacts, designed for connecting its terminals to peripheral circuits and used as termination of flexible cables.

Intermediate joint — part designed for ensuring connection between two or more connector parts, mostly male connectors.

Straight intermediate joint — part with contacts in straight line order.

Angle intermediate joint — part with T-shaped contacts.
U-type intermediate joint — part with U-shaped contacts
Adaptive intermediate joint — part designed for ensuring connection between two or more connector parts if their direct connection is impossible or when a galvanic connection is not desired.

GENERAL CHARACTERISTIC

High-frequency coaxial connectors are well known components widely used in modern microwaves engineering. These components are used especially in electronics, telecommunication, telescopying and television, navigation, radiolocation, telemetering infrared technique, automation, computers, data transmission, metrology, nuclear science, medicine, and quantum electronics.

Three basic features determine the applications of high--frequency coaxial connectors:

— ensuring of fixed impedance

— the design of coupling mechanism

— the method of cable fastening

UNITRA-UNITECH brand coaxial connectors are available in versions of various impedance, frequency range, and rated voltage values as well as for various mechanical coupling methods. Reference chart No 1 shows the basic types of connectors being manufactured by UNITRA--UNITECH.

The two coupled coaxial connectors give electrical connection due to application of the classic system: fixed contact pin-flexible socket.

Mechanical coupling of two connectors is obtained by means of bayonet (BNC and C connectors) or screwed joint (UC connectors) systems.

To ensure fixed properties and features of connectors high quality materials are used for their individual elements, e.g.:

— flexible contacts are of silicon bronze

— fixed pin-contacts are of brass

— shell (body) and body elements are of brass

— Insulators are of teflon

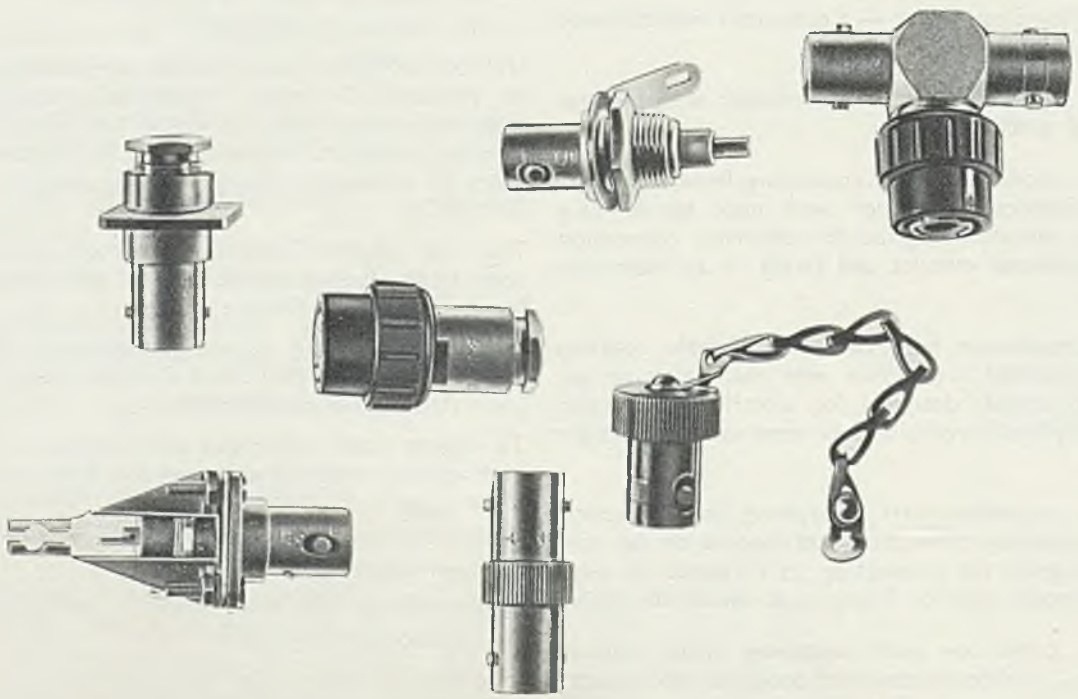
In order to ensure the fixed properties, the current cyrrying elements are silver plated, and the shell has a Cr finish.

Table 1 — Basic assortment of connectors produced by UNITRA-UNITECH

Type	Wave Impedance Ohm	Reflexion factor (up to 3 GHz)	Rated voltage V	Type of joint
BNC-50	50	0.091 (not applicable to all versions)	500	bayonet
BNC-75	75	0.091*	500	bayonet
BNC-2.5	not controlled		2500	bayonet
C-5	not controlled		5000	bayonet
C-50	50	0.111 (not applicable to all versions)	2000	bayonet
UC	not controlled		1500	threaded
Adapters	not controlled	depending on type	depending on type	depending on type

*) within frequency range of up to 1 GHz

HIGH-FREQUENCY COAXIAL CONNECTORS BNC-50 TYPE



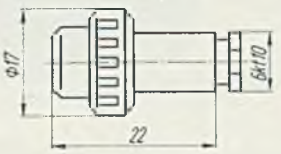
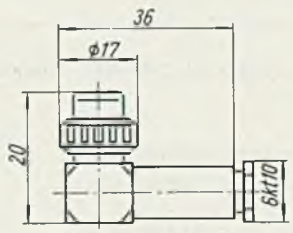
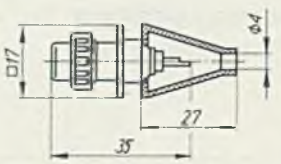
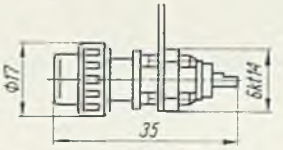
TECHNICAL DATA

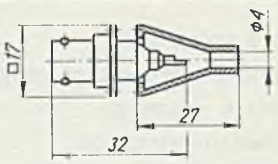
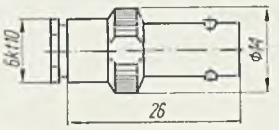
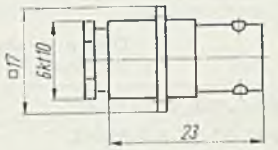
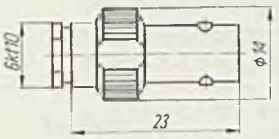
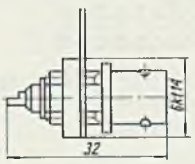
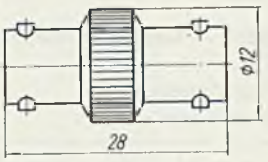
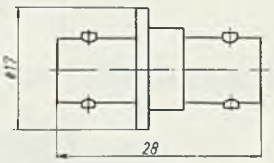
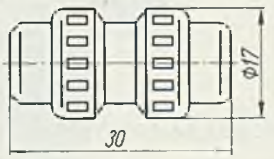
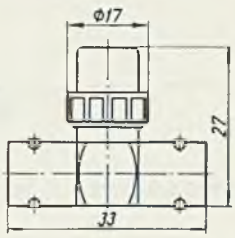
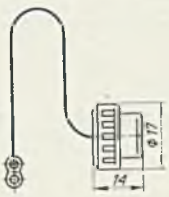
Rated voltage	500 V
Ambient temperature range	—40 to 85°C
Contact resistance	max. 10 mOhm
Insulation resistance	min. 10^{11} Ohm
Shunting resistance at radio frequencies	min. 0.5 MOhm
Electric strength	1500 V DC
Corona voltage	700 V DC
Joining force	25 N
Separating force	2.5 to 15 N
Life	500 make and break cycles
Resistance to vibration	5 to 80 to 5 Hz, 6 g
Recommended cables for use with connectors	WL-50-0.96/2.95 WD-50-0.90/2.95

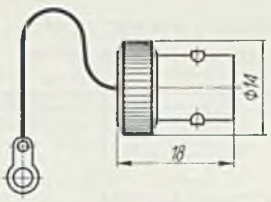
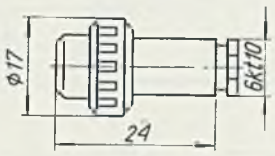
Table 2 — Reflection factor and capacitance of BNC-50 type connectors

Design version of connector	Reflexion factor	Capacitance
BNC-50-0.5-A-2.95/G3 BNC-50-0.5-A-2.95/N2 BNC-50-0.5-A-2.95/W2 BNC-50-0.5-A-O/NN1 BNC-50-0.5-A-O/GG1 BNC-50-0.5-A-O/WW1	0.091	not defined
BNC-50-0.5-B-O/G1 BNC-50-0.5-B-O/G2 BNC-50-0.5-B-2.95/N1 BNC-50-0.5-B-O/V1 BNC-50-0.5-B-O/V2 BNC-50-0.5-2.95/W1 BNC-50-0.5-B-O/NWN1 BNC-50-3/W1	not defined	5 pF

Table 3 — Design versions and dimensions of BNC-50 type connectors

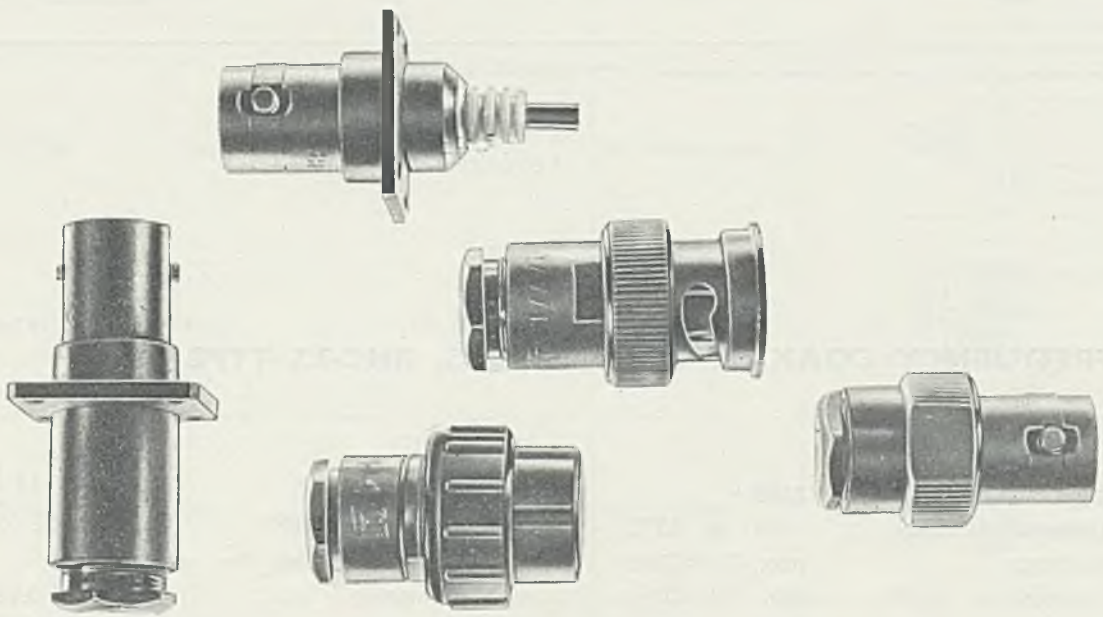
Factory designation of connector version	Definition	Mates with lead type	Method of fastening	Dimensions*
1	2	3	4	5
BNC-50-0.5-A-2.95/W2	Plug	WL-50-0.96/2.95 or WD-50-0.90/2.95	free on lead	
BNC-50-0.5-B-2.95/W1	Plug	WL-50-0.96/2.95 or WD-50-0.90/2.95	free on lead	
BNC-50-0.5-B-O/V1	Pin		free on lead	
BNC-50-0.5-B-O/V2	Pin		to device casing	

1	2	3	4	5
BNC-50-0.5-B-O/G2	Socket		to device casing	
BNC-50-0.5-B-2.95/N1	Cap	WL-50-0.96/2.95 or WD-50-0.90/2.95	free on lead	
BNC-50-0.5-A-2.95/G3	Socket	WL-50-0.96/2.95 or WD-50-0.90/2.95	to device casing	
BNC-50-0.5-A-2.95/N2	Cap	WL-50-0.96/2.95 or WD-50-0.90/2.95	free on lead	
BNC-50-0.5-B-O/G1	Socket		to device casing	
BNC-50-0.5-A-O/NN1	Straight cap-cap set		between connectors	
BNC-50-0.5-A-O/GG1	Straight socket-socket set		to device casing	
BNC-50-0.5-A-O/WW1	Straight plug-plug set		between connectors	
BNC-50-0.5-B-O/NWN1	Tee cup-plug-cap set		between connectors	
BNC-50-0-B-O-/W3	Socket cover			

1	2	3	4	5
BNC-50-O-B-O/N3	Pin cover			
BNC-50-0.5-B-2.95/W4	Plug	WL-50-0.95/2.95	free on lead	

*) Dimensions of mating parts of pin and socket meet the requirements of the standard PN-69/T-92602

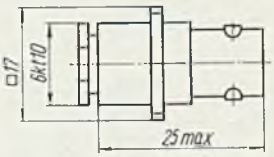
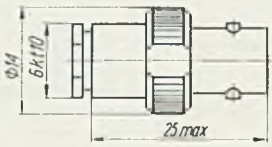
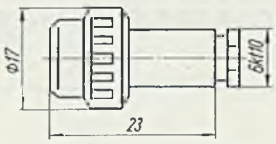
HIGH-FREQUENCY COAXIAL CONNECTORS BNC-75 TYPE



TECHNICAL DATA

Rated voltage	500 V
Reflexion factor (in up to 1 GHz range)	0.091
Ambient temperature range	—40 to +85°C
Contact resistance	max. 10 mOhm
Insulation resistance	min. 10^{11} Ohm
Shunting resistance at radio frequencies	min. 0.5 MOhm
Electric strength	1500 V
Corona voltage	700 V
Joining force	25 N
Separating force	2.5 to 15 N
Life	500 joining/separating cycles
Resistance to vibration	5 to 80 to 5 Hz, 6 g
Recommended cables for use with connectors	WL-75-0.63/3.7 WD-75-0.59/3.7

Table 4 — Design versions and dimensions of BNC-75 type connectors

Factory designation of connector design version	Definition	Mates with lead type	Method of fastening	Dimensions*
BNC-75-0.5-A-3.7/G1	Socket	WL-75-0.63/3.7 or WD-75-0.59/3.7	to device casing	
BNC-75-0.5-A-3.7/N1	Cap	WL-75-0.63/3.7 or WD-75-0.59/3.7	free on lead	
BNC-75-0.5-A-3.7/W1	Plug	WL-75-0.63/3.7 or WD-75-0.59/3.7	free on lead	

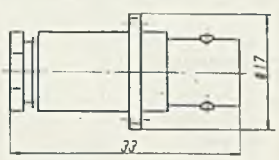
*) Dimensions of mating parts of pin and socket meet the requirement of PN-69/T-92602 Standard.

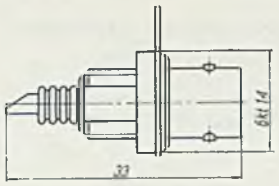
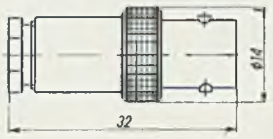
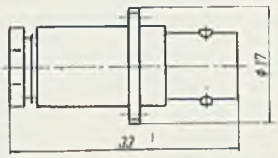
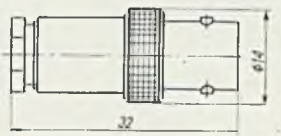
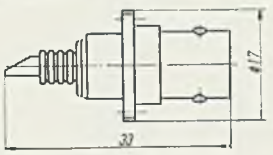
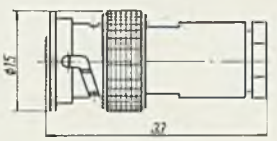
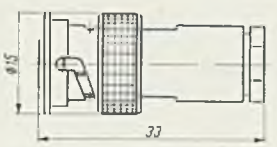
HIGH-FREQUENCY COAXIAL CONNECTORS, BNC-2.5 TYPE

TECHNICAL DATA

Rated voltage	2500 V
Ambient temperature range	—40 to 85°C
Contact resistance	max. 10 mOhm
Insulation resistance	min. 10^{11} Ohm
Capacitance	5 pF
Electric strength	3750 V DC
Corona voltage	2700 V
Joining force	25 N
Separating force	2.5 to 15 N
Resistance to vibration	5 to 80 to 5 Hz, 6g
Recommended cables for use with connectors	WL-50-0.96/2.95 WL-75-0.63/3.7 WL-75-0.59/3.9 WD-50-0.90/2.95

Table 5 — Design versions and dimensions of BNC-2.5 type connectors

Factory designation of connector design version	Definition	Mates with lead type	Method of fastening	Dimensions*
1	2	3	4	5
BNC-2.5-B-O/G3	Socket	—	to device casing	

1	2	3	3	5
BNC-2.5-B-O/G4	Socket	—	to device casing	
BNC-2.5-B-2.95/N1	Cap	WL-50-0.96/2.95	free on lead	
BNC-2.5-B-2.95/G1	Socket	WL-50-0.96/2.95	to device casing	
BNC-2.5-B-3.7/N2	Cap	WL-75-0.63/3.7 or WD-75-0.59/3.7	free on lead	
BNC-2.5-B-3.7/G2	Socket	WL-75-0.63/3.7 or WD-75-0.59/3.7	to device casing	
BNC-2.5-B-2.95/W1	Plug	WL-50-0.96/2.95	free on lead	
BNC-2.5-B-3.7/W2	Plug	WL-75-0.63/3.7 or WD-75-0.59/3.7	free on lead	

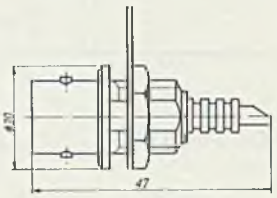
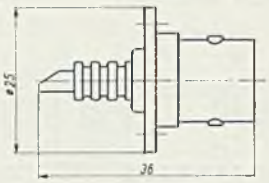
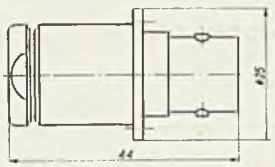
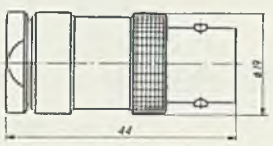
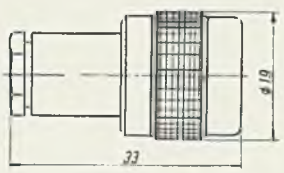
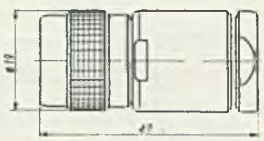
*) Dimensions of mating part of pin and socket meet the requirements of PN-69/T-92602 Standard

COAXIAL CONNECTORS, C-5 TYPE

TECHNICAL DATA

Rated voltage	5000 V
Ambient temperature range	—40 to 85°C
Contact resistance	max. 10 mOhm
Insulation resistance	min. 10^{11} Ohm
Capacitance	5pF
Electric strength	7500 V
Corona voltage	5200 V DC
Joining force	25 N
Separating force	2.5 to 15 N
Life	500 joining/separating cycles
Resistance to vibration	5 to 80 to 5 Hz, 6g
Recommended cables for use with connectors	WL-50-2.25/7.25 WL-75-0.63/3.7 WL-75-0.59/3.7 WL-72-1.2/7.25

Table 6 — Design versions and dimensions of BNC-5 type connectors

Factory designation of connector design version	Definition	Mates with lead type	Method of fastening	Dimensions*
C-5-B-O/G1	Socket	—	to device casing	
C-5-B-O/G2	Socket	—	to device casing	
C-5-B-7.25/N1	Cap	WL-50-2.25/7.25	free on lead	
C-5-B-7.25/G3	Cap	WL-50-2.25/7.25	to device casing	
C-5-B-3.7/W1	Plug	WL-75-0.63/3.7	free on lead	
C-5-B-7.25/W2	Plug	WL-50-2.25/7.25	free on lead	

*) Dimensions of mating parts of pin and socket meet the requirements of PN-69/T-92603 Standard

COAXIAL CONNECTORS C-50 TYPE

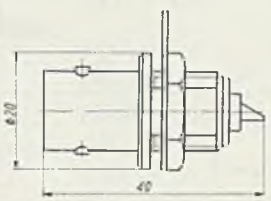
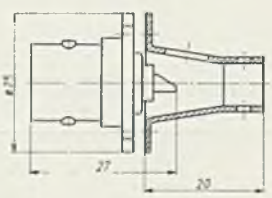
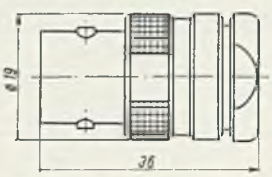
TECHNICAL DATA

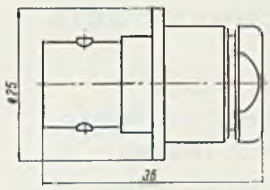
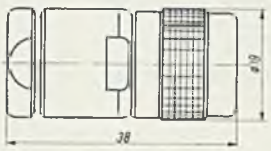
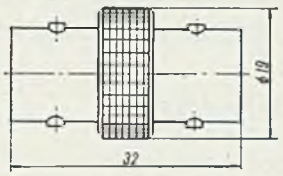
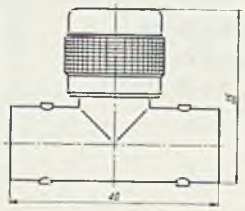
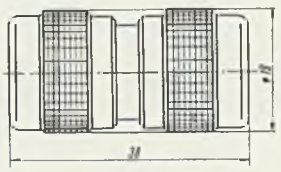
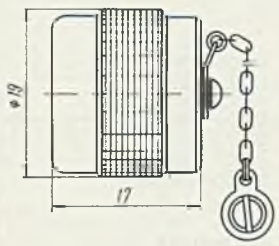
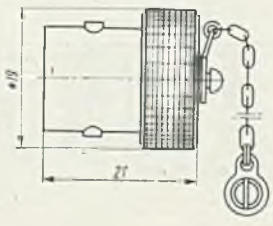
Rated voltage	2000 V
Temperature range	—40 to +85°C
Contact resistance	max. 10 mOhm
Insulation resistance	min. 10^{11} Ohm
Shunting resistance at radio frequencies	min. 0.5 MOhm
Electric strength	3000 V
Joining force	25 N
Separating force	2.5 to 15 N
Life	500 joining/separating cycles
Resistance to vibrations	5 to 80 to 5 Hz, 6 g
Recommended cables for use with connectors	WL-50-2.25/7.25

Table 7 — Reflection factor and capacitance of C-50 type connectors

Connector design version	Reflection	Capacitance
C-50-2-A-7.25/N1 C-50-2-A-7.25/G3 C-50-2-A-7.25/W1 C-50-2-A-0/NN1 C-50-2-A-0/WW1	0.111	not defined
C-50-2-B-O/G1 C-50-2-B-O/G2 C-50-2-B-O/NWN1	not defined	5 pF

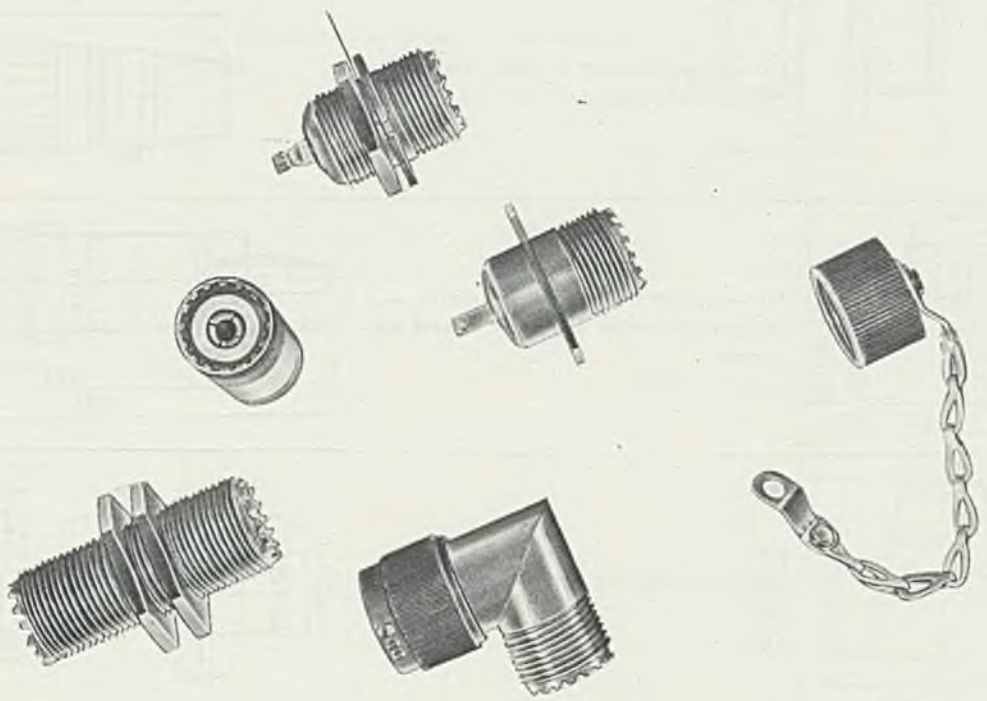
Table 8 — Design versions and dimensions of C-50 type connectors

Factory designation of	Definition	Mates with lead type	Method of fastening	Dimensions*
1	2	3	4	5
C-50-2-B-O/G1	Socket	—	to device casing	
C-50-2-B-O/G2	Socket	WL-50-2.25/7.25	to device casing	
C-50-2-A-7.25/N1	Cap	WL-50-2.25/7.25	free on lead	

1	2	3	4	5
C-50-2-A-7.25/G3	Socket	WL-50-2.25/7.25	to device casing	
C-50-2-A-7.25/W1	Plug	WL-50-2.25/7.25	free on lead	
C-50-2-A-O/NN1	Straight cap-cap set	—	between connectors	
C-50-2-B-O/NWN1	Tee plug-cap set	—	between connectors	
C-50-2-A-O/WW1	Straight plug-plug set	—	between connectors	
C-50-O-B-O/N2	Cap cover	—	—	
C-50-O-B-O/W2	Socket cover	—	—	

*) Dimensions of mating parts of pin and socket meet the requirements of PN-69/T-92603 Standard

COAXIAL CONNECTORS, UC TYPE



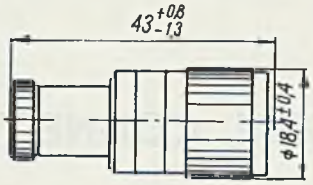
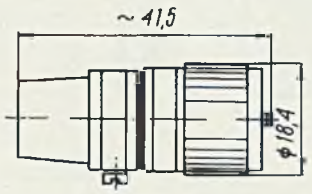
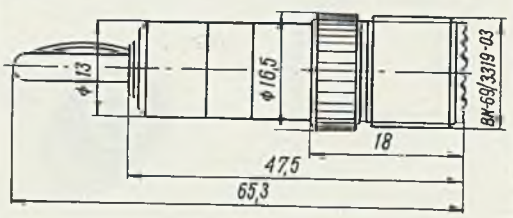
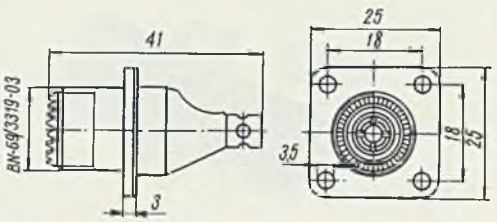
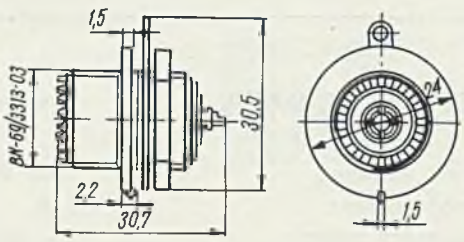
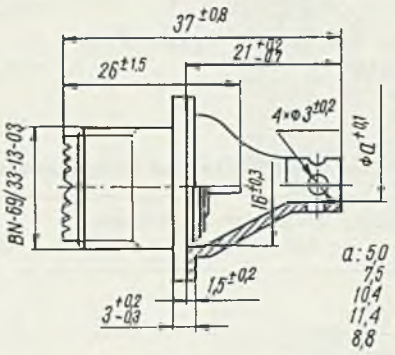
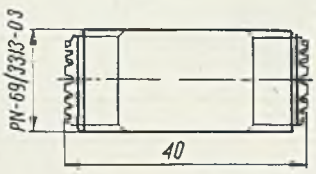
TECHNICAL DATA

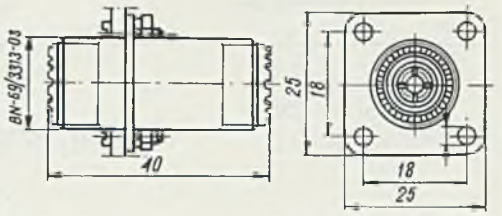
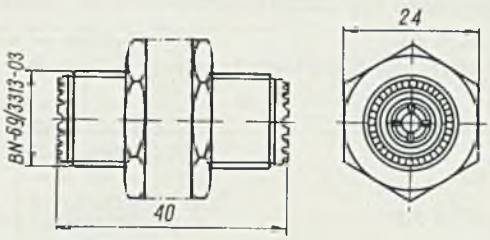
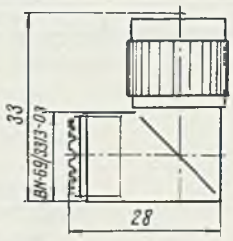
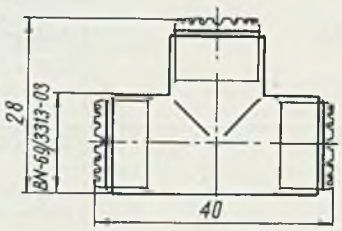
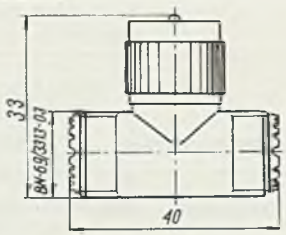
Rated voltage	1500 V
Rated current	1 A
Frequency range	up to 300 MHz
Ambient temperature range	—25 to +70°C
Insulation resistance	min. 10^3 MOhm
Parallel resistance, measured at 200 MHz	min. 100 kOhm
Voltage drop	20 mV
Test voltage	2250 V (50 Hz)
Corona voltage	2000 V DC
Vertical disrupting force between socket and pin	250 N
Permissible torsion moment	250 Ncm
Life	10000 switching cycles
Resistance to vibrations	5 to 80 to 5 Hz, 6 g
Impact strength	4000 impacts, 40 g

Table 9 — Capacitance and joining and separating forces of UC type connectors

Factory designation of connector design version	Capacitance (at 200 MHz) pF	Joining force between pin and socket N	Separating force between pin and socket N
UC1-W1 UC1-W2	1.3	300	15
UC1-WG	9	200	30
UC1-G1 UC1-G2	3.7	200	15
UC1-GG UC1-GG1	6.5	300	15
UC1-GW	4.5	300	15
UC1-GGG UC1-GWG	7.5	300	15

Table 10 — Design versions and dimensions of UC type connectors

Factory designation	Specification	Dimensions*
1	2	3
UC1-2-W1	Pin — free fastening on cable, adapted for mating with reducers R 7.7 and R 5.0	
UC1-W2	Pin — free fastening on cable, adapted for mating with reducer R 10.4 and R 11.4	
W/UC-1-G	Pin — socket set, adapted for mating with UC pin and socket and other sets of connectors	
UC1-G1	Socket — fastening by screw of rivets	
UC1-G2	Socket — fastening by nut	
UC1-G3	Socket — fastening by nut	
UC1-GG	Straight socket — socket set	

1	2	3
UC1-GG1	Straight socket — socket set, fastening by screws or rivets	
UC1-GG2	Straight socket — socket set, fastening by nuts	
UC1-GW	Angle socket — pin set	
UC1-GGG	Tee T set — socket — pin — socket	
UC1-GWG	Tee socket — pin — socket — set	

*) Dimensions of mating parts of pin and socket meet the requirements of PN-69/3313-03 Standard

Table 11 — Design versions and hood dimensions of UC type connectors

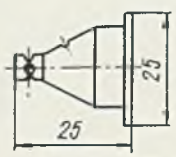
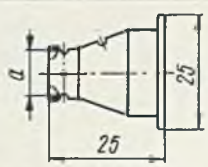
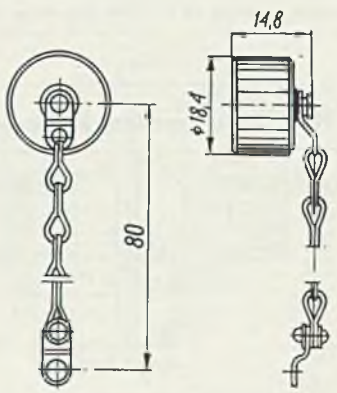
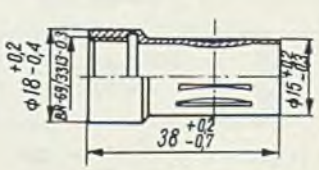
Factory designation	Specification	Application	Max. cable diameter mm	Dimensions
UC-K5.0	Hood — min. inner diameter a = 5.0 mm	UC1-G1	5.0	
UC-K7.5	Hood — min. inner diameter a = 7.5 mm	UC1-G1	7.5	
UC-K8.8	Hood — min. inner diameter a = 8.8 mm	UC1-G1	8.8	
UC-K10.4	Hood — min. inner diameter a = 10.4	UC1-G1	10.4	
UC-K-11.4	Hood — min. inner diameter a = 11.4	UC1-G1	11.4	

Table 12 — Design versions and reducer dimensions of UC type connectors

Factory designation	Specification	Application	Dimensions
UC-R 5.0	Reducer — inner diameter 5 mm	UC1-W1	
UC-R 6.0	Reducer — inner diameter 6.0 mm	UC1-W1	
UC-R 7.5	Reducer — inner diameter 7.5 mm	UC1-W1	
UC-R 9.0	Reducer — inner diameter 9.0 mm	UC1-W1	
UC-R 10.4	Reducer — inner diameter 10.4	UC1-W2	
UC-R 11.4	Reducer — inner diameter 11.4	UC1-W2	

Table 13 — Design versions, of socket cover and adapter bush dimensions of UC type connectors

Factory designation	Specification	Application	Dimensions
UC-G/P	Socket cover	Pins, sockets, tee-sets	
UC-TP	Adapter bush		

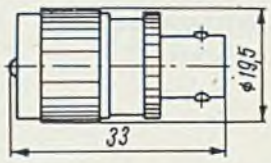
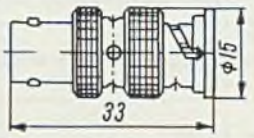
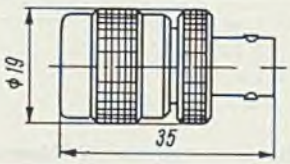
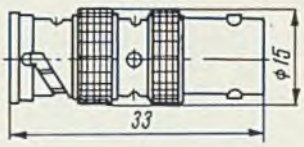
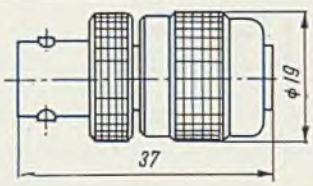
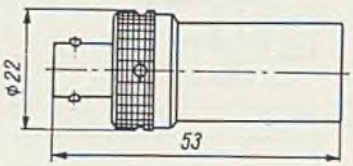
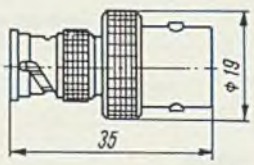
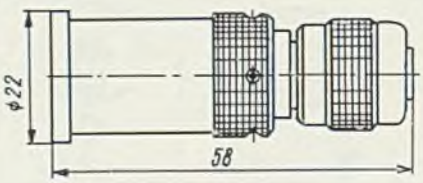
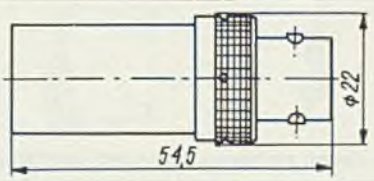
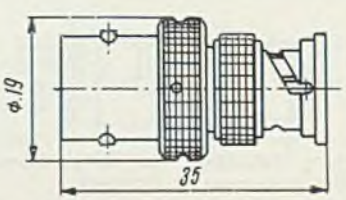
TECHNICAL DATA

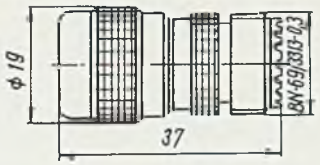
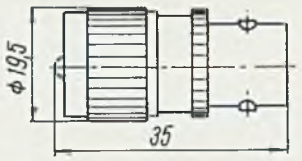
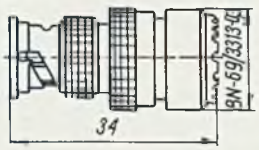
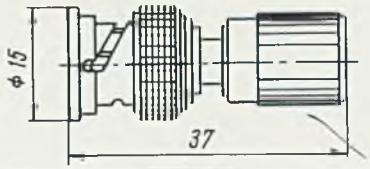
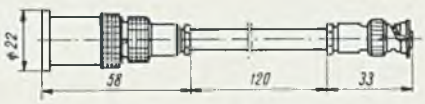
		Joining force	25 N
		Separating force	2.5 to 15 N
Ambient temperature range	—40°C to 85°C	Life	500 cycles
Contact resistance	max. 10 mOhm	Resistance to vibrations	5 to 80 to 5 Hz, 6 g

Table 14 — Standing wave factor, test voltage, corona voltage, insulation resistance, parallel resistance of UC type contactors

Specification of parameter	Value	Factory designation of connector design version
Reflection factor	0.091 within 3 GHz range	BNC-50G/C-50W C-50G/BNC-50W
Capacitance between internal element and body	5 pF	BNC-50G/UC-1W UC-1G/BNC-50W C-50G/UC-1W UC-1G/C-50W BNC-50G/BNC-2.5W BNC-2.5G/BNC-50W BNC-2.5G/ZKW-OW
	7 pF	ZKW-PG/C-5W C-5G/ZKW-OW
Electric strength	3000 V	BNC-50G/UC-1W UC-1G/BNC-50W C-50G/UC-1W UC-1G/C-50W BNC-50G/BNC-2.5W BNC-2.5G/BNC-50W LG/BNC-50W
	1500 V	BNC-50G/C-50W C-50G/BNC-50W
	7500 V	ZKW-OG/C-5W C-5G/ZKW-OW
	4500 V	ZKW-0G/BNC-2.5W BNC-2.5G/ZKW-OW
Corona voltage	2100 V	BNC-50G/UC-1W UC-1G/BNC-50W C-50G/UC-1W UC-1G/C-50W BNC-50G/BNC-2.5W BNC-2.5G/BNC-50W LG/BNC-50W
	700 V	BNC-50G/MZW-50G BNC-50G/C-50W C-50G/BNC-50W
	5100 V	ZKW-OG/C-5W C-5G/ZKW-OW
	3100 V	ZKW-OG/BNC-2.5W BNC-2.5G/ZKW-OW
Insulation resistance in normal condition	min. 10^{11} Ohm	BNC-50G/C-50W C-50G/BNC-50W BNC-50G/UC-1W UC-1G/BNC-50W BNC-50G/BNC-2.5W BNC-2.5G/BNC-50W C-50G/UC-1W UC-1G/C-50W LG/BNC-50W
	min. 2×10^9 Ohm	ZKW-OG/C-5W ZKW-OG/BNC-2.5W C-5G/ZKW-OW BNC-2.5G/ZKW-OW
Shunting resistance at radio frequencies, parallel, (measured at 45 MHz)	max. 0.5 MOhm	BNC-50G/C-50W C-50G/BNC-50W

Table 15 — Design versions and dimensions of adapters

Type designation	Application	Dimensions
1	2	3
BNC-50G/UC-1W	Connection between pin type BNC-50 and socket type UC	
BNC-50G/BNC-2.5 W	Connection between pin type BNC-50 and socket type BNC-2.5	
BNC-50G/C-50W	Connection between pin type BNC-50 and socket type C-50	
BNC-2.5G/C-5W	Connection between pin type BNC-2.5 and socket type C-5	
BNC-2.5G/BNC-50W	Connection between pin type BNC-2.5 and socket type BNC-50	
BNC-2.5G/ZKW-OW	Connection between pin type BNC-2.5 and socket type ZKW-0	
C-5G/BNC-2.5 W	Connection between pin type C-5 and socket type BNC-2.5	
C-5W/ZKW-OG	Connection between pin type C-5 and socket type ZKW-O	
C-5G/ZKW-OW	Connection between pin type C-5 and socket type ZKW-O	
C-50G/BNC-50W	Connection between pin type C-50 and socket type BNC-50	

1	2	3
C-50G/UC-1W	Connection between pin type C-50 and socket type UC	
C-50W/UC-1G	Connection between socket type C-50 and pin type UC	
UC-1G/BNC-50W	Connection between pin type UC and socket type BNC-50	
LG/BNC-50W	Connection between socket type BNC-50 and pin type LG	
ZKW-OG/BNC-2.5W	Connection between pin of ZKW-O connector and socket type BNC-2.5	

ASSEMBLY AND OPERATING RECOMMENDATIONS

The fixed properties and features of microwave equipment where high-frequency coaxial connectors are used can be achieved by observing the assembly recommendations. It is essential to prepare properly the connectors designed for wire fixing, and to do soldering and hole drilling in the mounting board properly in case of assembling on a device casing.

Preparing connectors for wire fixing should be done according to manufacturer's recommendations.

The assembly instructions with due recommendations can be obtained on request from manufacturer.

Respective charts show the arrangement of holes in mounting boards adapted for assembly in device casing.

Table 16 — Holes for BNC-50 type connectors

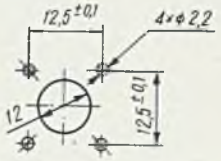
Type designation	Dimensions of hole in assembly board
BNC-50-0.5-B-O/G1 BNC-50-0.5-B-O/V2	
BNC-50-0.5-B-O/G2 BNC-50-0.5-A-2.95/G3 BNC-50-0.5-B-O/V1 BNC-50-0.5-A-O/GG1	

Table 17 — Holes for BNC-75 type connectors

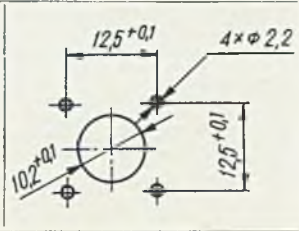
Type designation	Dimensions of hole in assembly board
BNC-75-0.5-A-3.7/G1	

Table 18 — Holes for BNC-2.5 type connectors

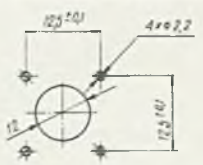
Type designation	Dimensions of hole in assembly board
BNC-2.5-B-O/G3	
BNC-2.5-B-2.95/G1 BNC-2.5-3.37/G2 BNC-2.5-B-O/G4	

Table 19 — Holes for C-5 type connectors

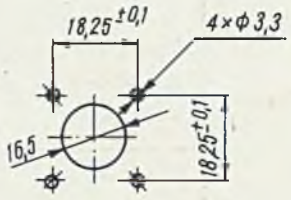
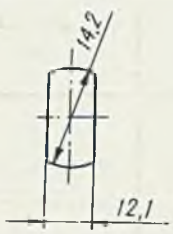
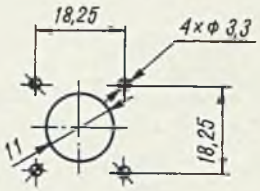
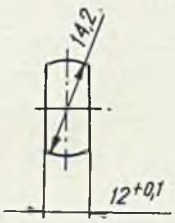
Type designation	Dimensions of hole in assembly board
C-5-B-O/G1	
C-5-B-O/G2 C-5-B-7.25/G3	

Table 20 — Holes for C-50 type connectors

Type designation	Dimensions of hole in assembly board
C-50-Z-B-O/G1	
C-50-2-B-O/G2 C-50-2-A-7.25/G3	

Manufacturer:
UNITRA UNITECH
Przedsiębiorstwo Techniczno Produkcyjne
Zakład Podzespołów Elektronicznych
ul. Świdwińska 21
78-200 Białogard — Poland

Exporter:
UNITRA
Foreign Trade Enterprise
Al. Jerozolimskie 44
00-024 Warszawa — Poland

AGPOL — ZW-03-6102/78 — Printed in Poland
Druk: Zakład Poligraficzny „AGPOL"