

Technical Characteristics SMB 75 Ω (BT43)

Technische Daten SMB 75 Ω (BT 43)

Electrical characteristics		Elektrische Daten
Characteristic impedance	75 Ω	Wellenwiderstand
Frequency range	0...4 GHz	Frequenzbereich
VSWR (straight contacts)	≤ 1.25 typ.	VSWR (gerader Kontakt)
Insertion loss (dB)	0.1 dB max. /1GHz typ.	Dämpfung (dB)
Insulation resistance	10 ⁴ MΩ	Isolationswiderstand
Center contact resistance	≤ 5.0 mΩ	Übergangswiderstand Innenleiter
Outer contact resistance	≤ 2.5 mΩ	Übergangswiderstand Außenleiter
Test voltage	750 V rms	Prüfspannung
Working voltage	200 V rms	Betriebsspannung
Contact current	1.0 A DC max.	Strombelastbarkeit
Mechanical characteristics		Mechanische Daten
Engagement force	40 N max.	Einsteckkraft
Disengagement force	8 N min.	Aussteckkraft
Center contact retention force	20 N min.	Innenleiter Haltekraft
Connecting operations	≥ 500	Anzahl Steckzyklen
Environmental		Umgebungseinflüsse
Temperature range	-65°C - +155°C	Temperaturbereich
Vibration	MIL-STD-202 Meth. 204/B	Vibration
Humidity	MIL-STD-202 Meth. 106/D	Feuchtigkeit
Shock	MIL-STD-202 Meth. 213/B	Schock
Temperature cycle	MIL-STD-202 Meth. 102/C	Temperatur Zyklen
Materials		Materialien
Body	Brass	Außenleiter
Center contact - plug	Brass	Innenleiter - Stecker
Center contact - jack	CuBe 2 HV350	Innenleiter - Kuppler
Spring Contact	CuBe 2, opt. Brass plus steel spring	fedemde Kontaktteile
Insulator	PTFE	Isolator
Crimping sleeve	copper alloy	Krimphülse
Gaskets	Rubber	Dichtungen
Plating body contact area	Au	Oberfläche Kontaktzone Außenleiter
Plating center contact area	Au	Oberfläche Kontaktzone Innenleiter

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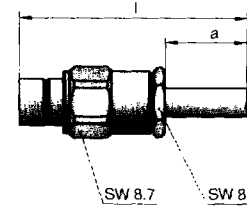
Products listed here are also available in slide-on and screw-on versions on request.

Die aufgeführten Produkte sind auch in Steck- und Schraubversion auf Anfrage lieferbar.

STRAIGHT PLUG, Crimp

STECKER, crimp

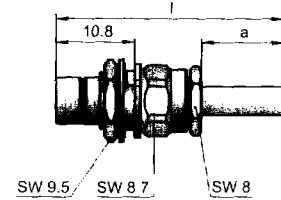
Part Number	Cable Group	Assembly Instruction	Crimp-Inserts	Remarks
759 S 101-102 D3	02	759 B	11 W 150-502	l = 30; a = 10.5
759 S 101-1V6 D3	V6	759 B	11 W 150-504	l = 28.5; a = 9
759 S 101-150 D3	50	759 B	11 W 150-550	l = 30; a = 10.5
759 S 101-151 D3	51	759 B	11 W 150-506	l = 30; a = 10.5
759 S 101-109 D3	09	759 B	11 W 150-509	l = 31.5; a = 12
759 S 101-128 D3	28	759 B	11 W 150-511	l = 31.5; a = 12



BULKHEAD PLUG, Crimp

GEHÄUSESTECKER, crimp

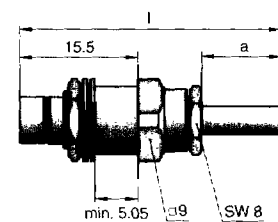
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Inserts	Remarks
759 S 601-102 D3	02	759 B	B 65	11 W 150-502	l = 30; a = 10.5
759 S 601-1V6 D3	V6	759 B	B 65	11 W 150-504	l = 28.5; a = 9
759 S 601-150 D3	50	759 B	B 65	11 W 150-550	l = 30; a = 10.5
759 S 601-151 D3	51	759 B	B 65	11 W 150-506	l = 30; a = 10.5
759 S 601-109 D3	09	759 B	B 65	11 W 150-509	l = 31.5; a = 12
759 S 601-128 D3	28	759 B	B 65	11 W 150-511	l = 31.5; a = 12



BULKHEAD PLUG, Crimp

GEHÄUSESTECKER, crimp

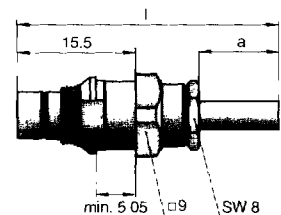
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Inserts	Remarks
759 S 602-102 D3	02	759 B	B 66	11 W 150-502	l = 34.5; a = 10.5
759 S 602-1V6 D3	V6	759 B	B 66	11 W 150-504	l = 28.5; a = 9
759 S 602-150 D3	50	759 B	B 66	11 W 150-550	l = 30; a = 10.5
759 S 602-151 D3	51	759 B	B 66	11 W 150-506	l = 30; a = 10.5
759 S 602-109 D3	09	759 B	B 66	11 W 150-509	l = 31.5; a = 12
759 S 602-128 D3	28	759 B	B 66	11 W 150-511	l = 31.5; a = 12



CLIP-TYPE BULKHEAD PLUG, Crimp

EINRAST-GEHÄUSESTECKER, crimp

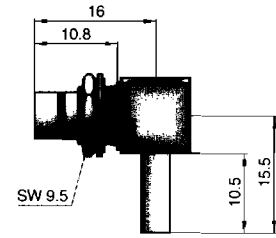
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Inserts	Remarks
759 S 603-102 D3	02	759 B	B 66	11 W 150-502	l = 34.5; a = 10.5
759 S 603-103 D3	03	759 B	B 66	11 W 150-503	l = 34.5; a = 10.5
759 S 603-1V6 D3	V6	759 B	B 66	11 W 150-504	l = 33; a = 9



**RIGHT ANGLE BULKHEAD PLUG,
Solder-Crimp**

**GEHÄUSE-WINKELSTECKER,
löt-crimp**

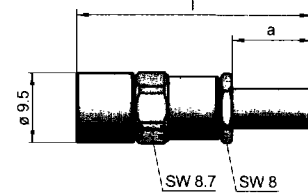
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Inserts	Remarks
759 S 202-302 D3	02	759 C	B 7	11 W 150-102	



STRAIGHT JACK, Crimp

GEHÄUSEKUPPLER, crimp

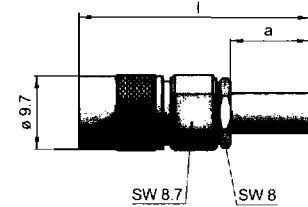
Part Number	Cable Group	Assembly Instruction	Crimp-Inserts	Remarks
759 K 101-102 D3	02	759 B	11 W 150-502	l = 31; a = 10.5
759 K 101-1V6 D3	V6	759 B	11 W 150-504	l = 29.5; a = 9
759 K 101-150 D3	50	759 B	11 W 150-550	l = 31; a = 10.5
759 K 101-151 D3	51	759 B	11 W 150-506	l = 31; a = 10.5
759 K 101-109 D3	09	759 B	11 W 150-509	l = 32.5; a = 12
759 K 101-128 D3	28	759 B	11 W 150-511	l = 32.5; a = 12



STRAIGHT JACK Quick-Lock, Crimp

GEHÄUSEKUPPLER, Quick-Lock, crimp

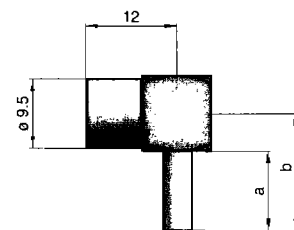
Part Number	Cable Group	Assembly Instruction	Crimp-Inserts	Remarks
759 K 151-102 D3	02	759 B	11 W 150-502	l = 30.5; a = 10.5
759 K 151-1V6 D3	V6	759 B	11 W 150-504	l = 29; a = 9
759 K 151-150 D3	50	759 B	11 W 150-550	l = 30.5; a = 10.5
759 K 151-151 D3	51	759 B	11 W 150-506	l = 30.5; a = 10.5
759 K 151-109 D3	09	759 B	11 W 150-509	l = 32; a = 12
759 K 151-128 D3	28	759 B	11 W 150-511	l = 32; a = 12



RIGHT ANGLE JACK, Solder-Crimp

WINKELKUPPLER, löt-crimp

Part Number	Cable Group	Assembly Instruction	Crimp-Inserts	Remarks
759 K 202-302 D3	02	759 C	11 W 150-102	a = 10.5; b = 15.5
759 K 202-3V6 D3	V6	759 C	11 W 150-104	a = 9; b = 14
759 K 202-350 D3	50	759 C	11 W 150-150	a = 10.5; b = 15.5
759 K 202-351 D3	51	759 C	11 W 150-106	a = 10.5; b = 15.5
759 K 202-309 D3	09	759 C	11 W 150-109	a = 12; b = 17
759 K 202-328 D3	28	759 C	11 W 150-111	a = 12; b = 17

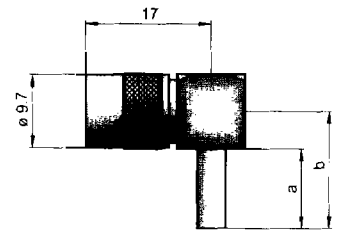


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**RIGHT ANGLE JACK Quick-Lock,
Solder-Crimp**

**WINKELKUPPLER, Quick-Lock,
löt-crimp**

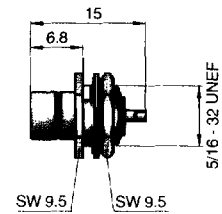
Part Number	Cable Group	Assembly Instruction	Crimp-inserts	Remarks
759 K 252-302 D3	02	759 C	11 W 150-102	a = 10.5; b = 15.5
759 K 252-3V6 D3	V6	759 C	11 W 150-104	a = 9; b = 14
759 K 252-350 D3	50	759 C	11 W 150-150	a = 10.5; b = 15.5
759 K 252-351 D3	51	759 C	11 W 150-106	a = 10.5; b = 15.5
759 K 252-309 D3	09	759 C	11 W 150-109	a = 12; b = 17
759 K 252-328 D3	28	759 C	11 W 150-111	a = 12; b = 17



BULKHEAD PLUG

GEHÄUSESTECKER

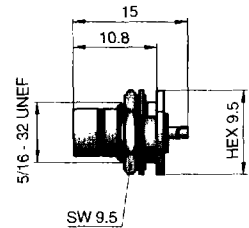
Part Number	Panel Piercing	Remarks
759 S 601-200 D3	B 65	front mounting



BULKHEAD PLUG

GEHÄUSESTECKER

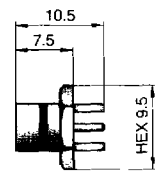
Part Number	Panel Piercing	Remarks
759 S 602-200 D3	B 65	rear mounting



PLUG for PCB

LEITERPLATTENSTECKER

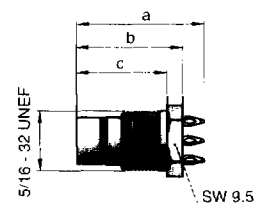
Part Number	Panel Piercing	Remarks
759 S 101-400 D3	B 68	



PRESS-FIT PLUG for PCB

PRESS-FIT LEITERPLATTENSTECKER

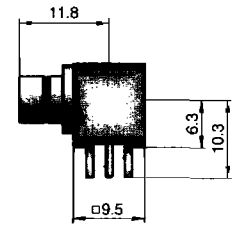
Part Number	Panel Piercing	Remarks
759 S 105-40P D3	B 7 / B 79	a = 16.8; b = 13.8; c = 11.8
759 S 106-40P D3	B 7 / B 79	a = 18.5; b = 13.8; c = 11.8
759 S 502-40P D3	B 7	a = 21.1; b = 16.4; c = 11 2 extra screwholes M 2.5



RIGHT ANGLE PLUG for PCB

LEITERPLATTEN-WINKELSTECKER

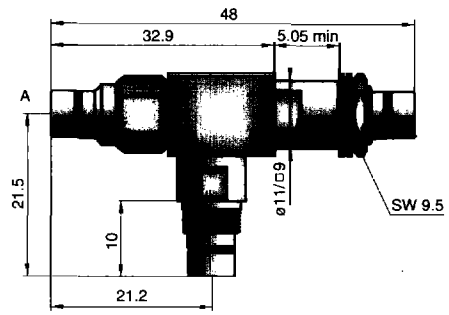
Part Number	Panel Piercing	Remarks
759 S 201-400 D3	B 68	



TEST PORT ADAPTOR

MESSADAPTER

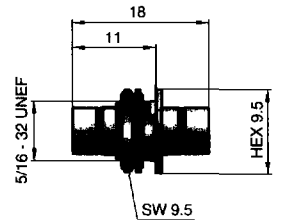
Part Number	Panel Piercing	Remarks
759 S 302-S25 D3	B 66	3 x SMB-Plug, Port A 30dB down



BULKHEAD ADAPTOR

GEHÄUSE-VERBINDER

Part Number	Panel Piercing	Remarks
759 S 601-S00 D3	B 65	2 x plug



U-LINK ADAPTOR

U-VERBINDER

Part Number	Panel Piercing	Remarks
759 K 900-K00 D3		2 x jack

