

Series 1.6/5.6 75 Ω

Precision coaxial connector with high mechanical and electrical stability as well as low space requirements especially for high reliability applications. These connectors were specially developed for communications engineering and transmission of high bit-rates in frequency range up to 8 GHz.

Screw-on, snap-on, and slide-on versions available, jack parts are identical for all versions. Plug styles are available for screw-on, snap-on (two versions: simple snap-on and an automatic latching quick-lock), and slide-on couplings. Female styles are identical for all versions.

Screw-on coupling (Type A): the connector is fitted with a coupling nut with which the plug and socket sections can be screwed by hand in accessible locations.

Quick-lock automatic latching coupling (Type B): plugs possess a latching sleeve fitted with an additional spring device which snaps into a corresponding slot of the jack when it plugged together. Pulling the latching sleeve of the plug unmates the connection. Rapid and simple connection and disconnection is possible

Slide-on coupling with centering sleeve (Type C): the movable (floating) inserted male connector used in a panel plate is provided with a conical insertion guide to facilitate its connection to the fixed part (female connector). The interconnection is a slide fit.

Snap-on coupling (Type D): male connectors are provided with a sleeve equipped with a snap-on device to secure the plug in a groove situated on the body of the female connector. Rapid connection or disconnection is possible.

The design of outer conductor and the cable termination ensures good shielding. Connectors in the series 1.6 / 5.6 C are also compatible and can be used at frequencies up to 18 GHz. Connectors of the 3rd generation 1.6/5.6 are equipped with a newly developed insulator support made from PEEK with significantly improved electrical specifications.

Straight and angled connector styles are available for flexible and semi-rigid cable with diameters from 2.6 mm to 9.5 mm, a variety of panel types and a large choice of components for printed circuit board applications with various connection technologies.

These connector series are mainly used in miniaturized coaxial modules for communications equipment, e.g. in PCM devices for high bit transmission rates.

Design in accordance with:	CECC 22 240 DIN 47295
Quality tested in accordance with:	US MIL-Std 202
Cable mounting:	clamp and crimp-solder versions
Special versions:	connectors for PCB applications (solder, press-fit and SMT) connectors for semi-rigid cable

Serie 1.6/5.6 75 Ω

Präzisions-Koaxialsteckverbinder mit hoher elektrischer und mechanischer Stabilität und geringem Platzbedarf besonders für hohe Anforderungen an die Zuverlässigkeit. Sie wurden speziell für Anwendungen in der Nachrichtentechnik zur Übertragung hoher Bitraten im Frequenzbereich bis 8 GHz konzipiert.

Es sind Stecker-Bauformen für Steckschraub-, Steckrast- und Einschubverbindungen lieferbar, wobei die Steckrastverbindung als Schnapp- oder selbstverriegelnde Quick-lock-Verbindung ausgeführt sein kann. Die Kupplerelemente sind für alle Ausführungen gleichermaßen verwendbar.

Steckschraubverbindung (Form A): Der Stecker ist mit einer Überwurfmutter ausgestattet, mit deren Hilfe Stecker und Kuppler zugsicher von Hand verschraubt werden können, vor allem an Stellen mit guter Zugänglichkeit.

Selbstverriegelnde Steckrastverbindung (Form B): Die Stecker besitzen ein Griffstück mit einem zusätzlichen Rastmechanismus (Rastfeder), welcher beim Steckvorgang in eine entsprechende Nut im Kupplerkörper einrastet und eine Selbstverriegelung bewirkt. Zum Lösen der Verbindung ist eine Betätigung des Griffstückes erforderlich. Schnelles und einfaches Stecken und Lösen ist möglich, es wird eine besonders zuverlässige und belastbare Verbindung erzielt.

Einschubverbindung in Ausführung mit Zentrierhülse (Form C): Die beweglich (schwimmend) in einer Montageplatte eingesetzten Stecker besitzen eine konische Einführhilfe zur Ausführung der Kopplung mit den starr eingebauten Kupplern, die gegenseitige Verbindung erfolgt gleitend.

Steckrastverbindung -Schnappverbindung- (Form D): Die Stecker besitzen ein Griffstück mit einem speziellen Rastmechanismus, welcher beim Steckvorgang in eine entsprechende Nut im Kupplerkörper einschnappt.

Die Außenleiter- und Kabel-Anschluß-Konstruktion sichert besonders günstige Abschirmverhältnisse. Die Steckverbinder der Typenreihe 1.6/5.6 C sind ebenfalls steckkompatibel und bis zu Frequenzen um 18 GHz einsetzbar. Die Steckverbinder-typen der 3. Generation 1.6/5.6 sind mit einer neuentwickelten Isolierstütze aus PEEK mit erheblich verbesserten elektrischen Eigenschaften ausgestattet.

Es existieren Bauformen in gerader und abgewinkelter Ausführung für flexible und halbstarre Kabel mit Durchmesser von ca. 2,6 mm bis 9,5 mm, für Gehäuseeinbau in verschiedenen Ausführungen und eine große Anzahl von Elementen für Leiterplatteneinsatz mit unterschiedlichen Anschlußtechniken.

Das Hauptanwendungsgebiet dieser Steckverbinder-serien liegt im Bereich miniaturisierter koaxialer Baugruppen in der Nachrichtentechnik, z.B. in der PCM-Technik mit hohen Bit-Übertragungsraten.

Anschlußdimensionen nach	CECC 22 240 DIN 47295
Qualitätsprüfung nach	US MIL-STD 202
Kabelmontage:	Klemm- und Crimp - Löt - Verbindung
Spezialausführungen:	Elemente für Leiterplatten (Löt- und Einpreßtechnik) Kabelstecker für semi rigid Kabel

Technical Characteristics 1.6/5.6

Technische Daten 1.6/5.6

Electrical characteristics Elektrische Daten

Characteristic impedance	75 Ω	Wellenwiderstand
Frequency range	0..4 GHz	Frequenzbereich
VSWR (straight contacts)	≤ 1.23 typ.	VSWR (gerader Kontakt)
Insulation resistance	≥ 10 ⁴ MΩ	Isolationswiderstand
Center contact resistance	≤ 10.0 mΩ	Übergangswiderstand Innenleiter
Outer contact resistance	≤ 7.5 mΩ	Übergangswiderstand Außenleiter
Test voltage	1000 V rms	Prüfspannung
Working voltage	330 V rms	Betriebsspannung
RF-leakage (dB)	≥ 90 dB	Schirmdämpfung (dB)

Mechanical characteristics Mechanische Daten

Coupling torque	30 Ncm max.	Anzugsdrehmoment
Connecting operations	≥ 500	Anzahl Steckzyklen

Environmental Umgebungseinflüsse

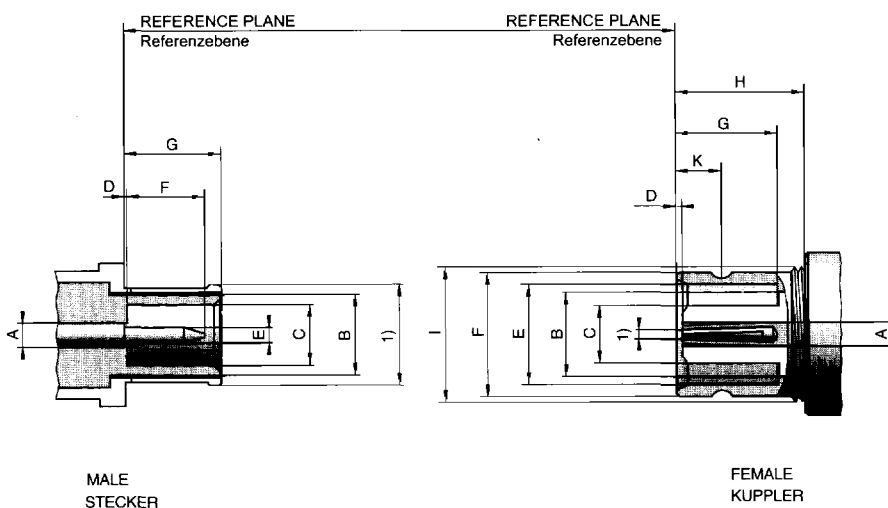
Temperature range	-65°C - +155°C	Temperaturbereich
Vibration	MIL-STD-202 Meth. 204/B	Vibration
Shock	MIL-STD-202 Meth. 213/B	Schock
Corrosion resistance	MIL-STD-202 Meth. 101/B	Korrosionsbeständigkeit
Climatic class according IEC	IEC 55 / 155 / 21	Klimaklasse nach IEC

Materials Materialien

Body	Brass	Außenleiter
Spring loaded contacts	CuBe	fedemde Kontaktteile
Insulator	PTFE	Isolator
Crimping ferrules	Copper Alloy	Krimphülse
Gaskets	Rubber	Dichtungen
Plating body contact area	Au	Oberfläche Kontaktzone Außenleiter
Plating center contact area	Au	Oberfläche Kontaktzone Innenleiter

Mechanical Characteristics

Anschlußmaße



1.6/5.6 (75 Ohm) Serie 78				
MALE STECKER		FEMALE KUPPLER		
	min.	max.	min.	max.
A	1.60 nom.		1.60 nom.	
B	5.60 nom.		5.60 nom.	
C	4.00		3.80	
D	0.15		0.25	0.75
E	0.97	1.03	6.60	6.69
F	5.50		8.10	8.25
G	6.40	6.60	6.70	
H			9.70	
I			M9x0.5	
K			2.90	3.10

1) resilient, dim. to meet electrical and mechanical requirements
 federnd aufgeweitet bzw. zusammengezogen
 (Ertüllung elektr./mech. Forderungen)

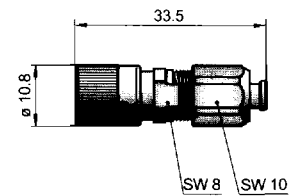
DIN 47295, Type A
SCREW-ON VERSION WITH COUPLING NUT

DIN 47295, Form A
SCHRAUBVERBINDUNG MIT ÜBERWURFMUTTER

STRAIGHT PLUG, Clamp

STECKER gerade, klemm

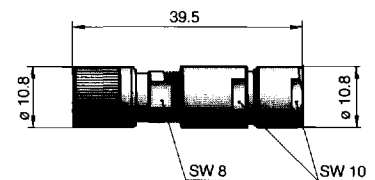
Part Number	Cable Group	Assembly Instruction	Remarks
78 S 101-002 H3	02	78 A	



STRAIGHT PLUG, Clamp

STECKER gerade, klemm

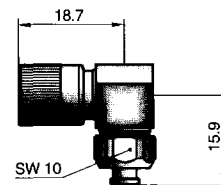
Part Number	Cable Group	Assembly Instruction	Remarks
78 S 101-013 H3	13	78 B	
78 S 101-040 H3	40	78 B	
78 S 101-041 H3	41	78 B	
78 S 101-042 H3	42	78 B	
78 S 101-043 H3	43	78 B	
78 S 101-044 H3	44	78 B	housing dia. 12.8 / SW 12



RIGHT ANGLE PLUG, Clamp

WINKELSTECKER, klemm

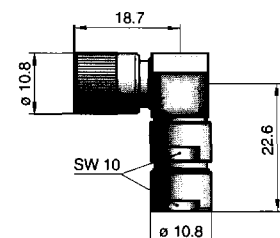
Part Number	Cable Group	Assembly Instruction	Remarks
78 S 201-002 H3	02	78 D	



RIGHT ANGLE PLUG, Clamp

WINKELSTECKER, klemm

Part Number	Cable Group	Assembly Instruction	Remarks
78 S 201-040 H3	40	78 E	
78 S 201-041 H3	41	78 E	
78 S 201-042 H3	42	78 E	
78 S 201-043 H3	43	78 E	
78 S 201-044 H3	44	78 E1	housing dia. 12.8 / SW 12



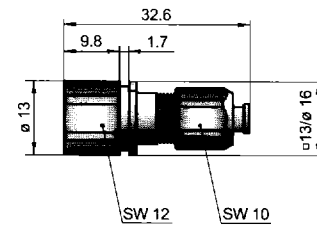
DIN 47295, Type C
SLIDE-ON VERSION WITH CENTERING SLEEVE

DIN 47295, Form C
EINSCHUB-AUSFÜHRUNG MIT ZENTRIERHÜLSE

STRAIGHT PLUG, Clamp

STECKER gerade, klemm

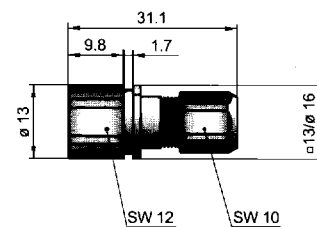
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 S 110-002 H3	02	78 A	B 28	



STRAIGHT PLUG, Clamp

STECKER gerade, klemm

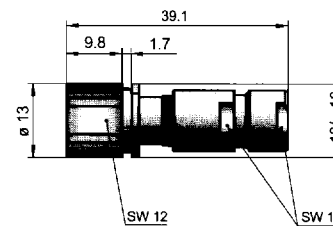
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 S 110-040 H3	40	78 C	B 28	
78 S 110-041 H3	41	78 C	B 28	



STRAIGHT PLUG, Clamp

STECKER gerade, klemm

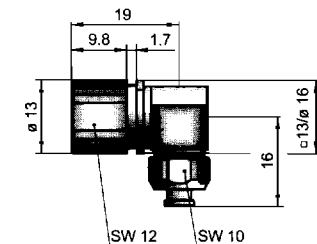
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 S 110-042 H3	42	78 B	B 28	
78 S 110-043 H3	43	78 B	B 28	
78 S 110-044 H3	44	78 B	B 28	housing dia. 12.8 / SW 12



RIGHT ANGLE PLUG, Clamp

WINKELSTECKER, klemm

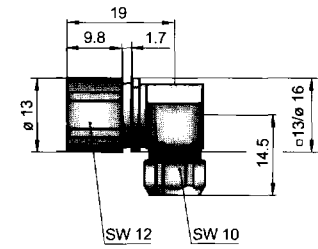
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 S 210-002 H3	02	78 D	B 28	



RIGHT ANGLE PLUG, Clamp

WINKELSTECKER, klemm

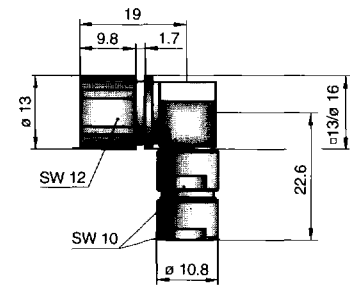
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 S 210-040 H3	40	78 F	B 28	
78 S 210-041 H3	41	78 F	B 28	



RIGHT ANGLE PLUG, Clamp

WINKELSTECKER, klemm

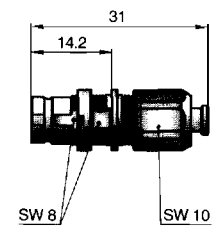
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 S 210-042 H3	42	78 E	B 28	
78 S 210-043 H3	43	78 E	B 28	



STRAIGHT JACK, Clamp

KUPPLER gerade, klemm

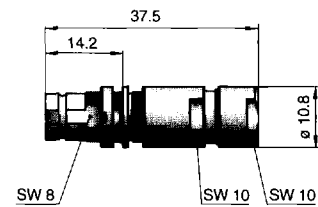
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 501-002 H3	02	78 A	B 27	



STRAIGHT JACK, Clamp

KUPPLER gerade, klemm

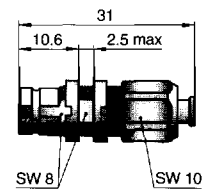
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 501-040 H3	40	78 B	B 27	
78 K 501-041 H3	41	78 B	B 27	
78 K 501-042 H3	42	78 B	B 27	
78 K 501-043 H3	43	78 B	B 27	
78 K 501-044 H3	44	78 B	B 27	housing dia. 12.8 / SW 12



STRAIGHT JACK, Clamp

KUPPLER gerade, klemm

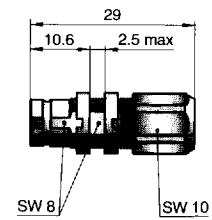
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 510-002 H3	02	78 A	B 27	plug-in type



STRAIGHT JACK, Clamp

KUPPLER gerade, klemm

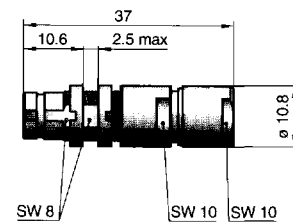
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 510-040 H3	40	78 C	B 27	plug-in type
78 K 510-041 H3	41	78 C	B 27	plug-in type



STRAIGHT JACK, Clamp

KUPPLER gerade, klemm

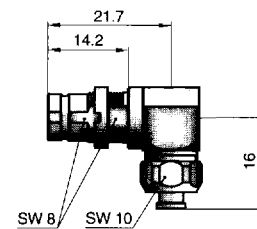
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 510-042 H3	42	78 B	B 27	plug-in type
78 K 510-043 H3	43	78 B	B 27	plug-in type
78 K 510-044 H3	44	78 B	B 27	plug-in type, housing dia. 12.8 / SW 12



RIGHT ANGLE JACK, Clamp

WINKELKUPPLER, klemm

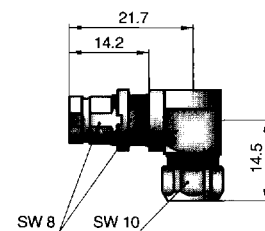
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 201-002 H3	02	78 D	B 27	



RIGHT ANGLE JACK, Clamp

WINKELKUPPLER, klemm

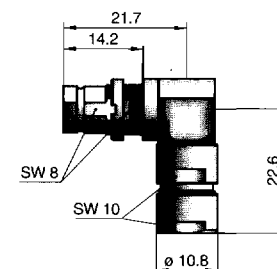
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 201-040 H3	40	78 F	B 27	
78 K 201-041 H3	41	78 F	B 27	



RIGHT ANGLE JACK, Clamp

WINKELKUPPLER, klemm

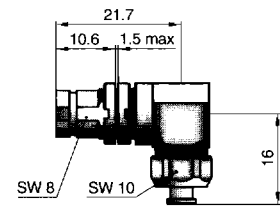
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 201-042 H3	42	78 E	B 27	
78 K 201-043 H3	43	78 E	B 27	
78 K 201-044 H3	44	78 E1	B 27	housing dia. 12.8 / SW 12



RIGHT ANGLE JACK, Clamp

WINKELKUPPLER, klemm

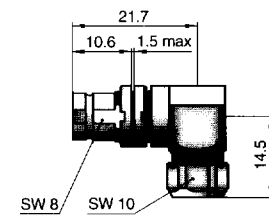
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 210-002 H3	02	78 D	B 27	plug-in type



RIGHT ANGLE JACK, Clamp

WINKELKUPPLER, klemm

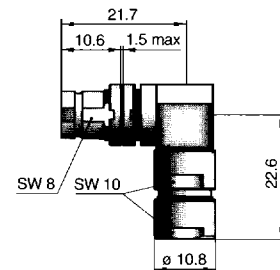
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 210-040 H3	40	78 F	B 27	plug-in type
78 K 210-041 H3	41	78 F	B 27	plug-in type



RIGHT ANGLE JACK, Clamp

WINKELKUPPLER, klemm

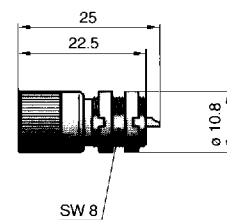
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
78 K 210-042 H3	42	78 E	B 27	plug-in type
78 K 210-043 H3	43	78 E	B 27	plug-in type
78 K 210-044 H3	44	78 E1	B 27	plug-in type, housing dia. 12.8 / SW 12



BULKHEAD PLUG

GEHÄUSESTECKER

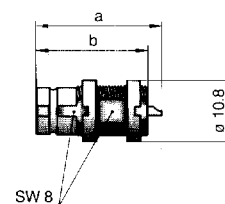
Part Number	Panel Piercing	Remarks
78 S 101-200 H3	B 27	



BULKHEAD JACK

GEHÄUSEKUPPLER

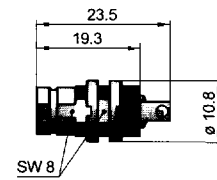
Part Number	Panel Piercing	Remarks
78 K 501-200 H3	B 27	a = 22.2; b = 18.1
78 K 502-200 H3	B 27	a = 21.5; b = 18.1
78 K 503-200 H3	B 27	a = 22.2; b = 19.3



BULKHEAD JACK

GEHÄUSEKUPPLER

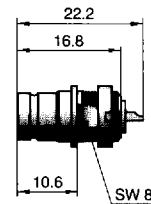
Part Number	Panel Piercing	Remarks
78 K 505-200 H3	B 27	



BULKHEAD JACK

GEHÄUSEKUPPLER

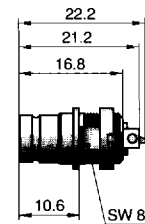
Part Number	Panel Piercing	Remarks
78 K 510-200 H3	B 27	plug-in type



BULKHEAD JACK

GEHÄUSEKUPPLER

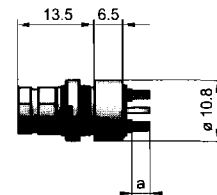
Part Number	Panel Piercing	Remarks
78 K 515-200 H3	B 27	plug-in type



STRAIGHT JACK for PCB

LEITERPLATTENKUPPLER gerade

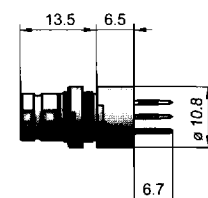
Part Number	Panel Piercing	Remarks
78 K 101-400 H3	B 53/B66	a = 3.2
78 K 104-400 H3	B 53/B66	a = 5.0



**STRAIGHT JACK for PCB
Press-Fit**

**LEITERPLATTENKUPPLER gerade,
press-fit**

Part Number	Panel Piercing	Remarks
78 K 102-40P H3	B 79/B83	



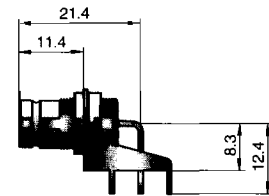
9

RIGHT ANGLE JACK for PCB

LEITERPLATTEN-WINKELKUPPLER

Part Number	Panel Piercing	Remarks
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78 K 201-400 H3 B 32/B 27

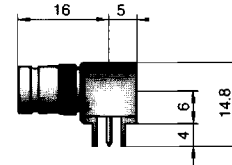


RIGHT ANGLE JACK for PCB

LEITERPLATTEN-WINKELKUPPLER

Part Number	Panel Piercing	Remarks
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78 K 205-400 H3 B 30

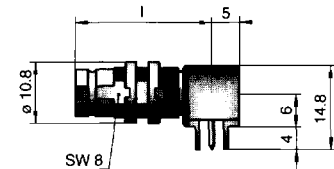


RIGHT ANGLE JACK for PCB

LEITERPLATTEN-WINKELKUPPLER

Part Number	Panel Piercing	Remarks
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78 K 206-400 H3 B 30/B27 l = 24.0
 78 K 213-400 H3 B 30/B27 l = 20.8

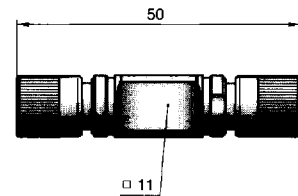


ADAPTOR 1.6/5.6

VERBINDER 1.6/5.6

Part Number	Remarks
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78 S 101-S00 H3

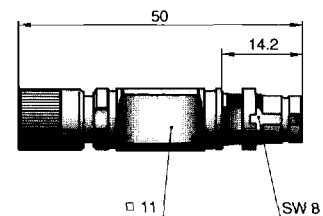


ADAPTOR straight

VERBINDER gerade

Part Number	Panel Piercing	Remarks
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78 S 101-K00 H3 B 27

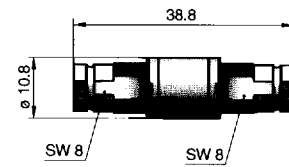


ADAPTOR straight

VERBINDER gerade

Part Number	Panel Piercing	Remarks
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78 K 101-K00 H3

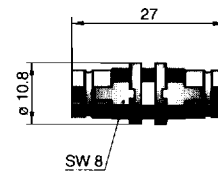


ADAPTOR straight

VERBINDER gerade

Part Number	Panel Piercing	Remarks
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78 K 102-K00 H3 B 27

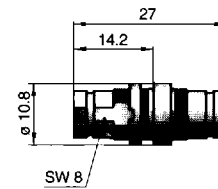


ADAPTOR straight

VERBINDER gerade

Part Number	Panel Piercing	Remarks
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78 K 104-K00 H3 B 27

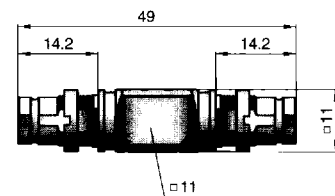


ADAPTOR straight

VERBINDER gerade

Part Number	Panel Piercing	Remarks
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78 K 501-K00 H3 B 27



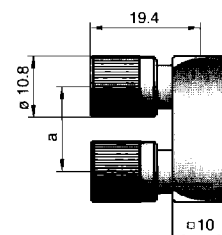
U-LINK, 2 x Plug

U-VERBINDER, 2 x Stecker

Part Number	Remarks
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78 S 900-S17 H3 a = 15, screw-on type with coupling nuts

78 S 901-S17 H3 a = 30, screw-on type with coupling nuts

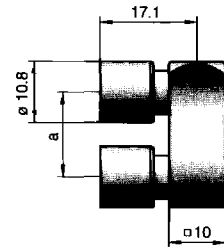


9

U-LINK, 2 x Plug

U-VERBINDER, 2 x Stecker

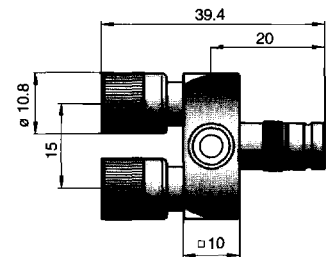
Part Number	Remarks
78 S 900-S18 H3	a = 15, snap-in version
78 S 901-S18 H3	a = 30, snap-in version
78 S 900-S19 H3	a = 15, plug-in version
78 S 901-S19 H3	a = 30, plug-in version



Y-LINK

Y-VERBINDER

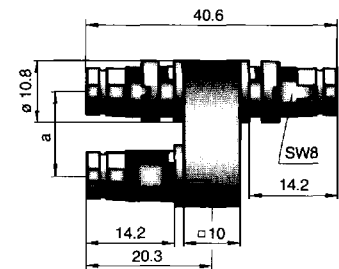
Part Number	Remarks
78 S 301-K00 H3	screw-on type with coupling nuts



Y-LINK

Y-VERBINDER

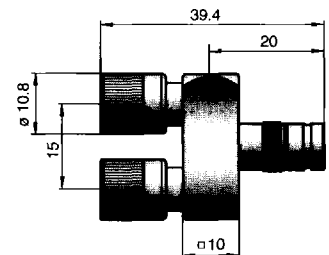
Part Number	Panel Piercing	Remarks
78 K 302-K00 H3	B 27	a = 15
78 K 303-K00 H3	B 27	a = 25



MONITOR Y-LINK

Y-MESSADAPTER

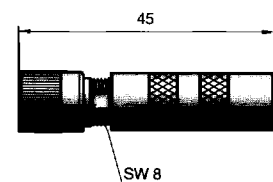
Part Number	Remarks
78 S 301-K40 H3	jack 20 dB Attenuation



TERMINATION 0.5 W

ABSCHLUSSWIDERSTAND 0,5 W

Part Number	Remarks
78 S 150-050 H3	



Technical Characteristics 1.6/5.6 III. Generation

Technische Daten 1.6/5.6 III. Generation

Electrical characteristics		Elektrische Daten
Characteristic impedance	75 Ω	Wellenwiderstand
Frequency range	0...12 GHz	Frequenzbereich
VSWR (straight contacts)	≤ 1.20 typ.	VSWR (gerader Kontakt)
Insulation resistance	≥ 10 ⁴ MΩ	Isolationswiderstand
Center contact resistance	≤ 10.0 mΩ	Übergangswiderstand Innenleiter
Outer contact resistance	≤ 7.5 mΩ	Übergangswiderstand Außenleiter
Test voltage	1000 V rms	Prüfspannung
Working voltage	330 V rms	Betriebsspannung
RF-leakage (dB)	≥ 90 dB	Schirmdämpfung (dB)
Mechanical characteristics		Mechanische Daten
Coupling torque	30 Ncm max.	Anzugsdrehmoment
Connecting operations	≥ 500	Anzahl Steckzyklen
Environmental		Umgebungseinflüsse
Temperature range	-65°C - +165°C	Temperaturbereich
Vibration	MIL-STD-202 Meth. 204/B	Vibration
Shock	MIL-STD-202 Meth. 213/B	Schock
Corrosion resistance	MIL-STD-202 Meth. 101/B	Korrosionsbeständigkeit
Climatic class according IEC	IEC 55 / 155 / 21	Klimaklasse nach IEC
Materials		Materialien
Body	Brass	Außenleiter
Spring loaded contacts	CuBe	fedemde Kontaktteile
Insulator	PEEK or equivalent	Isolator
Crimping ferrules	Copper Alloy	Krimphülse
Gaskets	Rubber	Dichtungen
Plating body contact area	Au	Oberfläche Kontaktzone Außenleiter
Plating center contact area	Au	Oberfläche Kontaktzone Innenleiter

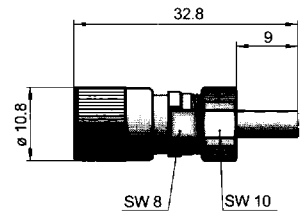
DIN 47295, Type A
SCREW-ON VERSION WITH COUPLING NUT

DIN 47295, Form A
SCHRAUBVERBINDUNG MIT ÜBERWURFMUTTER

STRAIGHT PLUG, Solder Crimp

STECKER gerade, löt-crimp

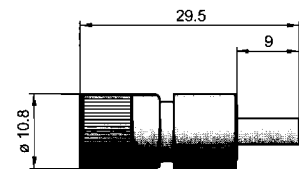
Part Number	Cable Group	Assembly Instruction	Crimp-Insert	Remarks
88 S 103-302 H3	02	88 N2	11 W 150-102	
88 S 103-340 H3	40	88 N2	11 W 150-104	
88 S 103-341 H3	41	88 N2	11 W 150-106	
88 S 103-3V2 H3	V2	88 N2	11 W 150-150	
88 S 103-3V4 H3	V4	88 N2	11 W 150-150	



STRAIGHT PLUG, Crimp

STECKER gerade, crimp

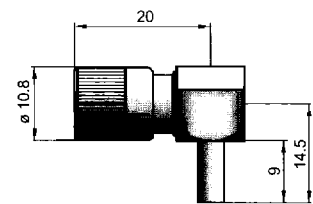
Part Number	Cable Group	Assembly Instruction	Crimp-Insert	Remarks
88 S 105-102 H3	02	88 O2	11 W 150-502	
88 S 105-140 H3	40	88 O2	11 W 150-504	
88 S 105-141 H3	41	88 O2	11 W 150-506	
88 S 105-1V2 H3	V2	88 O2	11 W 150-550	
88 S 105-1V4 H3	V4	88 O2	11 W 150-550	



RIGHT ANGLE PLUG, Solder Crimp

WINKELSTECKER, löt-crimp

Part Number	Cable Group	Assembly Instruction	Crimp-Insert	Remarks
88 S 203-302 H3	02	88 P	11 W 150-102	
88 S 203-340 H3	40	88 P	11 W 150-104	
88 S 203-341 H3	41	88 P	11 W 150-106	
88 S 203-3V2 H3	V2	88 P	11 W 150-150	
88 S 203-3V4 H3	V4	88 P	11 W 150-150	



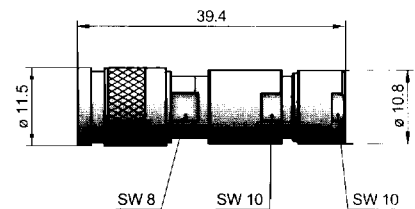
DIN 47295, Type B
QUICK-LOCK VERSION

DIN 47295, Form B
SELBSTVERRIEGELNDE AUSFÜHRUNG

STRAIGHT PLUG Clamp

STECKER gerade, klemm

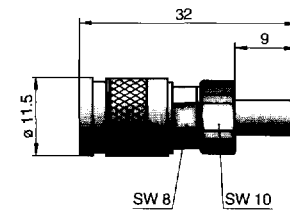
Part Number	Cable Group	Assembly Instruction	Remarks
88 S 163-040 H3	40,V2	88 B	



STRAIGHT PLUG, Solder Crimp

STECKER gerade, löt-crimp

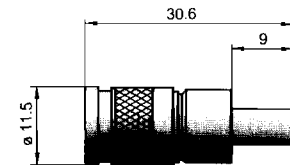
Part Number	Cable Group	Assembly Instruction	Crimp-Insert	Remarks
88 S 163-302 H3	02	88 N2	11 W 150-102	
88 S 163-340 H3	40	88 N2	11 W 150-104	
88 S 163-341 H3	41	88 N2	11 W 150-106	
88 S 163-3V2 H3	V2	88 N2	11 W 150-150	
88 S 163-3V4 H3	V4	88 N2	11 W 150-150	



STRAIGHT PLUG, Crimp

STECKER gerade, crimp

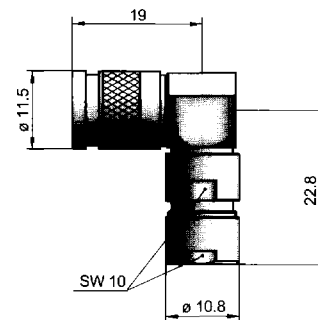
Part Number	Cable Group	Assembly Instruction	Crimp-Insert	Remarks
88 S 165-102 H3	02	88 O2	11 W 150-502	
88 S 165-140 H3	40	88 O2	11 W 150-504	
88 S 165-141 H3	41	88 O2	11 W 150-506	
88 S 165-1V2 H3	V2	88 O2	11 W 150-550	
88 S 165-1V4 H3	V4	88 O2	11 W 150-550	



RIGHT ANGLE PLUG, Clamp

WINKELSTECKER, klemm

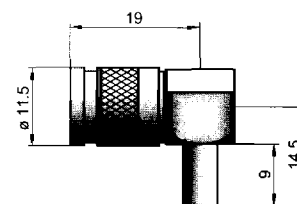
Part Number	Cable Group	Assembly Instruction	Remarks
88 S 263-040 H3	40,V2	78 E	



RIGHT ANGLE PLUG, Solder Crimp

WINKELSTECKER, löt-crimp

Part Number	Cable Group	Assembly Instruction	Crimp-Insert	Remarks
88 S 263-302 H3	02	88 P	11 W 150-102	
88 S 263-340 H3	40	88 P	11 W 150-104	
88 S 263-341 H3	41	88 P	11 W 150-106	
88 S 263-3V2 H3	V2	88 P	11 W 150-150	
88 S 263-3V4 H3	V4	88 P	11 W 150-150	



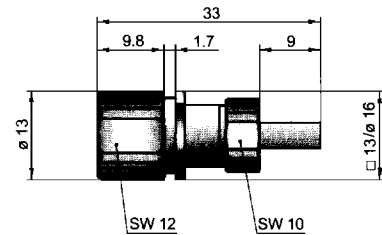
DIN 47295, Type C
SLIDE-ON VERSION WITH CENTERING SLEEVE

DIN 47295, Form C
EINSCHUBAUSFÜHRUNG MIT ZENTRIERHÜLSE

STRAIGHT PLUG, Solder Crimp

STECKER gerade, löt-crimp

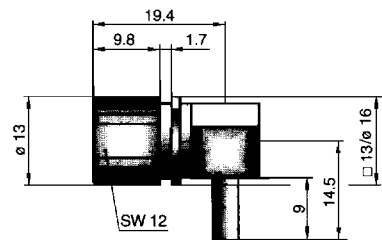
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Insert	Remarks
88 S 113-302 H3	02	88 N2	B 28	11 W 150-102	
88 S 113-340 H3	40	88 N2	B 28	11 W 150-104	
88 S 113-341 H3	41	88 N2	B 28	11 W 150-106	
88 S 113-3V2 H3	V2	88 N2	B 28	11 W 150-150	
88 S 113-3V4 H3	V4	88 N2	B 28	11 W 150-150	



RIGHT ANGLE PLUG Solder Crimp

WINKELSTECKER, löt-crimp

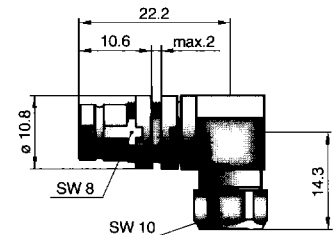
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Insert	Remarks
88 S 213-302 H3	02	88 P	B 28	11 W 150-102	
88 S 213-340 H3	40	88 P	B 28	11 W 150-104	
88 S 213-341 H3	41	88 P	B 28	11 W 150-106	
88 S 213-3V2 H3	V2	88 P	B 28	11 W 150-150	
88 S 213-3V4 H3	V4	88 P	B 28	11 W 150-150	



RIGHT ANGLE JACK Clamp

WINKELKUPPLER, klemm

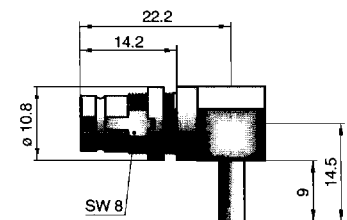
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
88 K 213-040 H3	40,V2	78 F	B 27	plug-in type



RIGHT ANGLE JACK, Solder Crimp

WINKELKUPPLER, löt-crimp

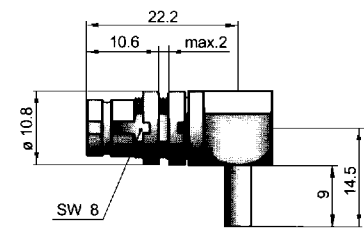
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Insert	Remarks
88 K 203-302 H3	02	88 P	B 27	11 W 150-102	
88 K 203-340 H3	40	88 P	B 27	11 W 150-104	
88 K 203-341 H3	41	88 P	B 27	11 W 150-106	
88 K 203-3V2 H3	V2	88 P	B 27	11 W 150-150	
88 K 203-3V4 H3	V4	88 P	B 27	11 W 150-150	



RIGHT ANGLE JACK, Solder Crimp

WINKELKUPPLER, löt-crimp

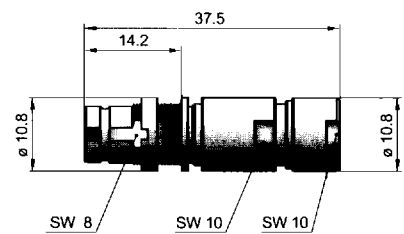
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Insert	Remarks
88 K 213-302 H3	02	88 P	B 27	11 W 150-102	plug-in type
88 K 213-340 H3	40	88 P	B 27	11 W 150-104	plug-in type
88 K 213-341 H3	41	88 P	B 27	11 W 150-106	plug-in type
88 K 213-3V2 H3	V2	88 P	B 27	11 W 150-150	plug-in type
88 K 213-3V4 H3	V4	88 P	B 27	11 W 150-150	plug-in type



BULKHEAD JACK, Clamp

EINBAUKUPPLER, klemm

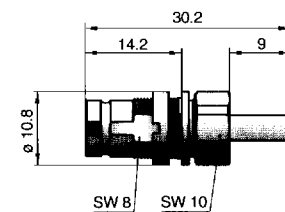
Part Number	Cable Group	Assembly Instruction	Panel Piercing	Remarks
88 K 503-040 H3	40,V2	88 B	B 27	



BULKHEAD JACK, Solder Crimp

EINBAUKUPPLER, löt-crimp

Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Insert	Remarks
88 K 503-302 H3	02	88 N2	B 27	11 W 150-102	
88 K 503-340 H3	40	88 N2	B 27	11 W 150-104	
88 K 503-341 H3	41	88 N2	B 27	11 W 150-106	
88 K 503-3V2 H3	V2	88 N2	B 27	11 W 150-150	
88 K 503-3V4 H3	V4	88 N2	B 27	11 W 150-150	



BULKHEAD JACK, Crimp

EINBAUKUPPLER, crimp

Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Insert	Remarks
88 K 505-102 H3	02	88 O2	B 27	11 W 150-502	
88 K 505-140 H3	40	88 O2	B 27	11 W 150-504	
88 K 505-141 H3	41	88 O2	B 27	11 W 150-506	
88 K 505-1V2 H3	V2	88 O2	B 27	11 W 150-550	
88 K 505-1V4 H3	V4	88 O2	B 27	11 W 150-550	



BULKHEAD JACK, Solder Crimp

EINBAUKUPPLER, löt-crimp

Part Number	Cable Group	Assembly Instruction	Panel Piercing	Crimp-Insert	Remarks
88 K 513-302 H3	02	88 N2	B 27	11 W 150-102	plug-in type
88 K 513-340 H3	40	88 N2	B 27	11 W 150-104	plug-in type
88 K 513-341 H3	41	88 N2	B 27	11 W 150-106	plug-in type
88 K 513-3V2 H3	V2	88 N2	B 27	11 W 150-150	plug-in type
88 K 513-3V4 H3	V4	88 N2	B 27	11 W 150-150	plug-in type

