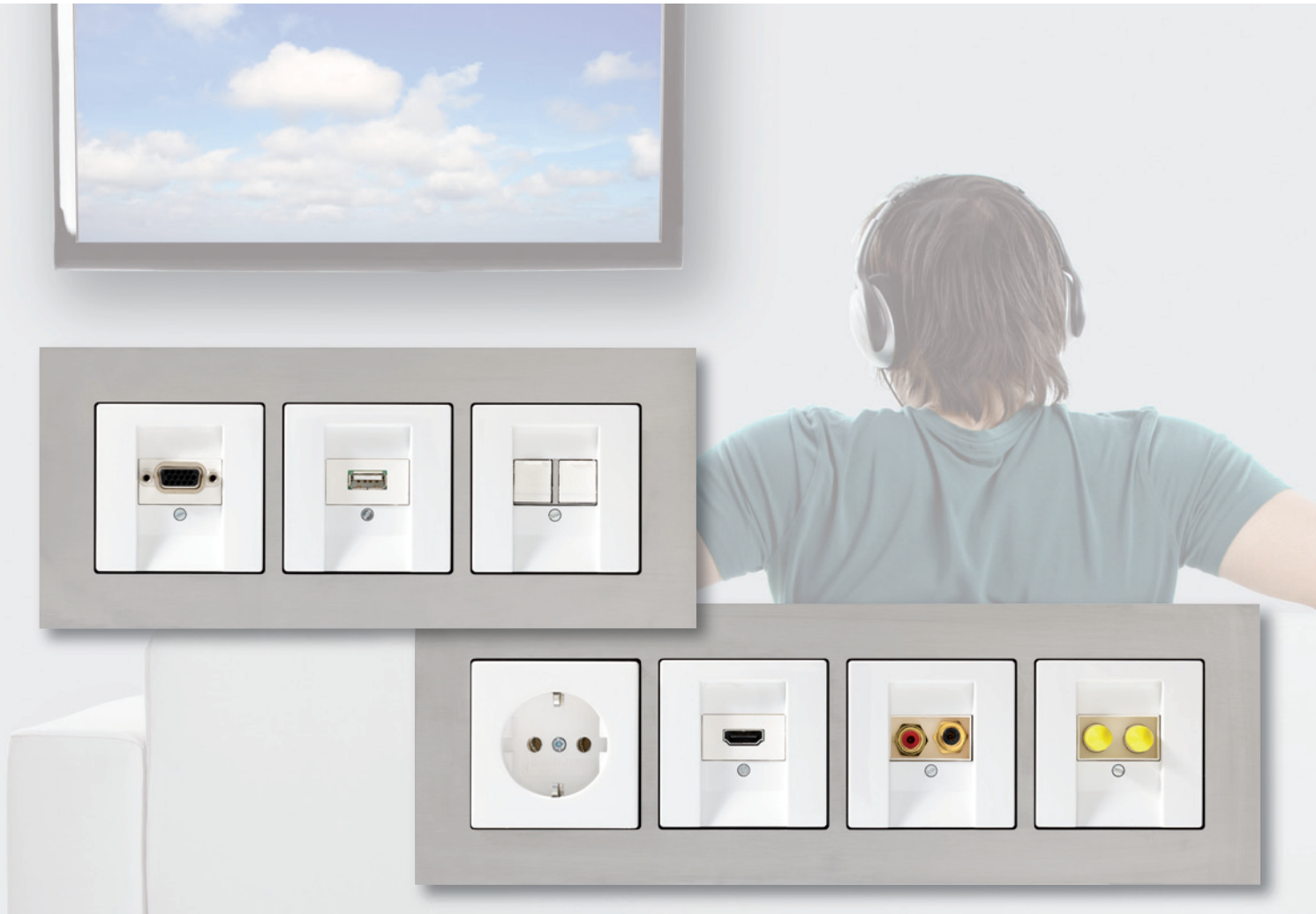


The Installation Solution for Multimedia-jacks



Communications Adapter

- no disturbing cables on the wall
- clean and easy installation
- wide variety of modular adapters for
 - copper based applications
 - FOC-applications
 - POF-applications
- design compatible (design wall plates (TAE) from all well-known manufacturers of electrical installation material)



As described in DIN 18015-2 a communication infrastructure is required in the minimum provision for new installations in apartments. Terminal connections must also be considered in the planning in order to have sufficient outlets in the right place. Modern LCD- or Plasma- TVs are often mounted on the wall causing overhanging wiring arrangements which are not very attrac-

tive and reduce the overall impression of such high-quality installation. Communications adapters from Rutenbeck help here, as well as they help to tidy up the cable mix-up in workrooms, bureaus, seminar- and conference rooms.

Product advantages:

- "real" installation solution without any flying cables
- safe installation and function
- wide product range for Cu, FOC, POF and multimedia
- can be integrated in standard installations
- no compromise in design



Applications in living areas

Connection of i.e.:

- LCD-/Plasma-TV-Clients
- Receivers
- DVD-/BlueRay-Players
- Personal Video Recorders
- Multimedia-Clients
- Loudspeakers
- PCs
- Printers



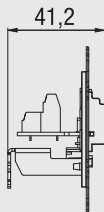
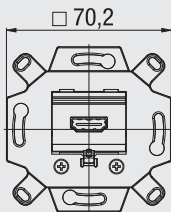
Applications in office areas

Connection of i.e.:

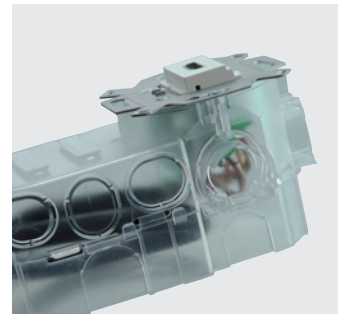
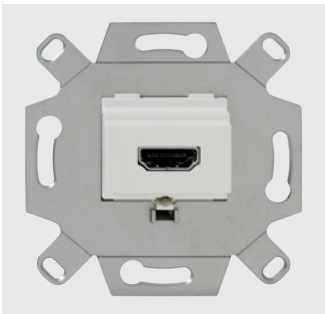
- PCs/Laptops
- Printers
- Scanners
- Beamers
- Multimedia-Clients



HDMI













For a trouble-free installation under consideration of the maximum bending-radiuses the use of the Kaiser "Electronics-box", Art.-No. 1068-02 or 9062-74 is recommended.



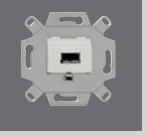
Interface	Telephone (TAE/UAE)	Network RJ45/FOC	BNC	Cinch	Klinke	USB	VGA	HDMI	Optical (POF/FOC)
LCD-/Plasma-TV		(X)	X	X		X	X	X	(X)
Receiver (DVB-S/T/C)		(X)	X	X		X	X	(X)	(X)
Beamer				X		X	X	(X)	(X)
Audio-Receiver/Amplifier		(X)	X	X	X	X			(X)
DVD-Player				X	X	X	X	(X)	(X)
Personal Video Recorder		(X)		X	X	X	X	(X)	(X)
Multimedia-Clients		X	X	X	X	X	X	(X)	(X)
PC		X			X	X	X	(X)	(X)
Printer		(X)				X			
Scanner		(X)				X			
Modem/Router	X	X	(X)			X			
Telephone, analog	X								
Telephone , ISDN	X								
Telephone , VoIP	X	(X)				X			

(x) = optional

Overview Communications Adapter Copper (construction kit system)










	 KM-BNC-F 170 003 00	 KM-BNC-C 170 003 01	 KM-BNC-IEC 170 003 02 (only in combination with 170 003 00)	 KM-Cinch 170 003 04 (rw*) 170 003 05 (sw***) 170 003 06 (red) 170 003 07 (yellow)	 KM-MK 3,5 mm 170 003 03 (Stereo)	 KM-LS 170 003 08 (sw***) 170 003 09 (red) (Banana)																		
 BNC-F (Antenna)	<table border="1"> <tbody> <tr><td>Up</td></tr> <tr><td>170 000 01</td></tr> <tr><td>Up rw*</td></tr> <tr><td>170 000 51</td></tr> <tr><td>Up g**</td></tr> <tr><td>170 000 61</td></tr> </tbody> </table>	Up	170 000 01	Up rw*	170 000 51	Up g**	170 000 61																	
Up																								
170 000 01																								
Up rw*																								
170 000 51																								
Up g**																								
170 000 61																								
 BNC-C/IEC/Cinch (Antenna/Koax)		<table border="1"> <tbody> <tr><td>Up</td></tr> <tr><td>170 000 03</td></tr> <tr><td>Up rw*</td></tr> <tr><td>170 000 53</td></tr> <tr><td>Up g**</td></tr> <tr><td>170 000 63</td></tr> </tbody> </table>	Up	170 000 03	Up rw*	170 000 53	Up g**	170 000 63	<table border="1"> <tbody> <tr><td>Up</td></tr> <tr><td>170 000 03</td></tr> <tr><td>Up rw*</td></tr> <tr><td>170 000 53</td></tr> <tr><td>Up g**</td></tr> <tr><td>170 000 63</td></tr> </tbody> </table>	Up	170 000 03	Up rw*	170 000 53	Up g**	170 000 63	<table border="1"> <tbody> <tr><td>Up</td></tr> <tr><td>170 000 03</td></tr> <tr><td>Up rw*</td></tr> <tr><td>170 000 53</td></tr> <tr><td>Up g**</td></tr> <tr><td>170 000 63</td></tr> </tbody> </table>	Up	170 000 03	Up rw*	170 000 53	Up g**	170 000 63		
Up																								
170 000 03																								
Up rw*																								
170 000 53																								
Up g**																								
170 000 63																								
Up																								
170 000 03																								
Up rw*																								
170 000 53																								
Up g**																								
170 000 63																								
Up																								
170 000 03																								
Up rw*																								
170 000 53																								
Up g**																								
170 000 63																								
 Mini-Klinke 3,5 mm (Headphone)					<table border="1"> <tbody> <tr><td>Up</td></tr> <tr><td>170 000 02</td></tr> <tr><td>Up rw*</td></tr> <tr><td>170 000 52</td></tr> <tr><td>Up g**</td></tr> <tr><td>170 000 62</td></tr> </tbody> </table>	Up	170 000 02	Up rw*	170 000 52	Up g**	170 000 62													
Up																								
170 000 02																								
Up rw*																								
170 000 52																								
Up g**																								
170 000 62																								
 LS-MA Up (Loudspeaker)						<table border="1"> <tbody> <tr><td>Up</td></tr> <tr><td>170 000 04</td></tr> <tr><td>Up rw*</td></tr> <tr><td>170 000 54</td></tr> <tr><td>Up g**</td></tr> <tr><td>170 000 64</td></tr> </tbody> </table>	Up	170 000 04	Up rw*	170 000 54	Up g**	170 000 64												
Up																								
170 000 04																								
Up rw*																								
170 000 54																								
Up g**																								
170 000 64																								

Overview Communications Adapter Copper (complete version)

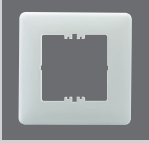

 USB	<table border="1"> <thead> <tr> <th>USB-jack</th> <th>Up 0</th> <th>Up 0 rw*</th> <th>Up 0 g**</th> </tr> </thead> <tbody> <tr> <td></td> <td>170 105 01</td> <td>170 105 51</td> <td>170 105 61</td> </tr> </tbody> </table>	USB-jack	Up 0	Up 0 rw*	Up 0 g**		170 105 01	170 105 51	170 105 61
USB-jack	Up 0	Up 0 rw*	Up 0 g**						
	170 105 01	170 105 51	170 105 61						
 VGA	<table border="1"> <thead> <tr> <th>VGA-jack</th> <th>Up 0</th> <th>Up 0 rw*</th> <th>Up 0 g**</th> </tr> </thead> <tbody> <tr> <td></td> <td>170 105 02</td> <td>170 105 52</td> <td>170 105 62</td> </tr> </tbody> </table>	VGA-jack	Up 0	Up 0 rw*	Up 0 g**		170 105 02	170 105 52	170 105 62
VGA-jack	Up 0	Up 0 rw*	Up 0 g**						
	170 105 02	170 105 52	170 105 62						
 HDMI	<table border="1"> <thead> <tr> <th>HDMI-jack</th> <th>Up 0</th> <th>Up 0 rw*</th> <th>Up 0 g**</th> </tr> </thead> <tbody> <tr> <td></td> <td>170 105 03</td> <td>170 105 53</td> <td>170 105 63</td> </tr> </tbody> </table>	HDMI-jack	Up 0	Up 0 rw*	Up 0 g**		170 105 03	170 105 53	170 105 63
HDMI-jack	Up 0	Up 0 rw*	Up 0 g**						
	170 105 03	170 105 53	170 105 63						

* rw = pure white; ** g = grey; *** sw = black

Overview Communications Adapter FOC, POF (construction kit system)

					
	KM-SC-M 172 003 00	KM-SC-M Duplex 172 003 01	KM-LC-M 172 003 06	KM-ST-M 172 003 02	KM-POF SMI 2,2 mm 180 100 02
	KM-SC-S 172 003 03	KM-SC-S Duplex 172 003 04	KM-LC-S 172 003 07	KM-ST-S 172 003 05	
	Up 172 000 01 Up rw* 172 000 51 Up g** 172 000 61		Up 172 000 01 Up rw* 172 000 51 Up g** 172 000 61		
		Up 172 000 02 Up rw* 172 000 52 Up g** 172 000 62			
				Up 172 000 03 Up rw* 172 000 53 Up g** 172 000 63	
					Up 180 100 01 Up rw* 180 100 51 Up g** 180 100 61

Wall plates and center plates, suitable for all Communications Adapter

	Wall plate	AP UM 139 100 01	AP UM rw* 139 100 51
		Center plate	ZSt UM-MA 2 139 100 03

* rw = pure white; ** g = grey

⟨R⟩ RUTENBECK

Wilhelm Rutenbeck
GmbH & Co. KG

Niederwirth 1-10
58579 Schalksmühle
Germany
Phone +49 2355 82-0
Fax +49 23 55 82-105

www.rutenbeck.de
mail@rutenbeck.de