

# New: R&M Multimedia Outlet

The multimedia marvel, all connections in one outlet



All in one! The new R&M multimedia outlet combines TV, Fast Internet over CATV, Satellite Receiver, Radio, ISDN, analogue telephone and PC networks.

For detailed information see page 183/189.

get **more** 010.2936

**Multimedia cabling solutions**

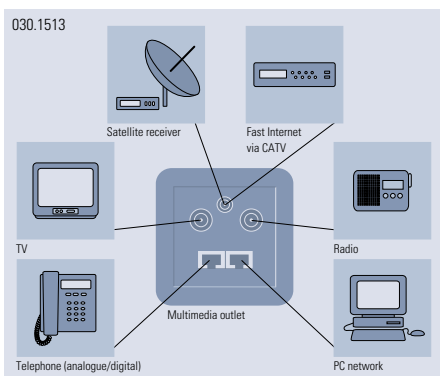
- Perfectly matched components
- Multimedia connection outlet
- Efficient connection technique
- Optimised communications cabling system for the home
- Excellent electrical values

@ **R&M**

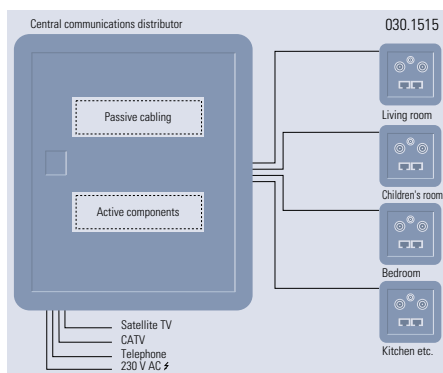


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## Introduction Multimedia Cabling



The R&M multimedia outlet and its applications.



For neat installations: the R&M multimedia outlet in conjunction with a central communications distributor.

### R&M Multimedia Outlet – an outlet with a future

**Changes are taking place in working and living environments, new technological developments enter our lives every day, and workplaces are more and more being moved into the private four walls. Consequently, it is increasingly important that installations and cabling systems are not only planned wisely cost-wise but also with regards to options they offer for possible future applications.**

Today, telecommunications suppliers are outdoing each other with even better offers, and the customers obviously want to be free in their choice. There only is a freedom of choice, however, if the required passive cabling structure is available at every workplace or in all living quarters, independent of the telecommunications supplier the customer bought from. This is where R&M's multimedia outlet's unique advantages come into play. One single outlet allows the combination of a variety of applications; TV, Fast Internet over CATV, satellite receiver, radio, ISDN, analogue telephony, and PC network. This gives you the maximum freedom of choice and covers all existing and future requirements. In short, this is flexibility in its purest form.

### R&M's Home Wiring concept featuring the multimedia outlet and one communications distributor

With the new multimedia outlet from R&M for the first time a structured cabling system that is tailored to specific requirements can be set up in the residential sector, too. The multimedia outlets are connected in a star topology via a central communications distributor, which provides enough space for all active components (NT, HUB, CATV modem, ADSL modem, router, etc.) as well as all the passive ones. Optimum cost/price performance, absolutely future-proof, fast and easy installation, and the possibility of extension at any time – these are but a few of the features of the new R&M Home Wiring concept.

### R&M fulfils the international standards

The new R&M home wiring concept meets the current standards in accordance with EN 50173 and all the relevant standards in information technology.

### Not only in the residential area

The new R&M multimedia outlet cannot only be fitted in new buildings but be added to existing installations, too. In addition to residential cabling it has many more additional operational areas, such as hospitals, homes, hotels, restaurants. In short, it is ideal for all companies and businesses with wide-ranging multimedia requirements.

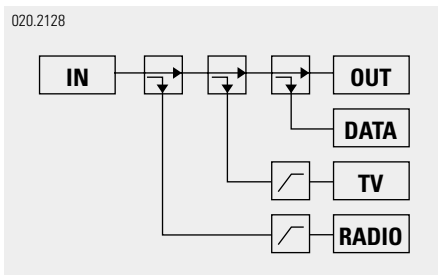
## Multimedia Outlet



The multimedia outlets are ideal for applications in the area CATV (cable television), satellites and terrestrial reception installations. Thanks to its modular interface the multimedia outlet can be expanded with communications inserts (RJ45). It smoothly integrates into the new Home Wiring concept from R&M, unifying all communications connections on one single outlet. The multimedia outlet is also easily integrated into an existing installation, enabling it to be upgraded.

### Features

- Stub outlets and loop-through outlets
- Extensive product range
- Modular design, can be configured with RJ45 inserts
- Even enables later upgrades with modular inserts
- Patented, efficient, safe and screw-less connection technique with pop-up screw terminal
- With the newly developed tangential cable entry for the coax cable the minimum bending radius are always kept
- Separate connections for incoming and outgoing coax cable
- The whole range from mini coax to standard cable can be used
- Excellent electrical values
- Complies with the highest European standard (EN 50083 – screening factor A)
- Approved by Cablecom (CHE)
- Mounting depth of only 23 mm



### Mechanical Data (for all multimedia outlets)

Displacement area inner conductor, for coax cables:  $\varnothing$  0.5 – 1.3 mm  
 Overall diameter coax cables:  $\varnothing$  – 7.5 mm

### Broadband Modem Outlets, 30 and 65 MHz

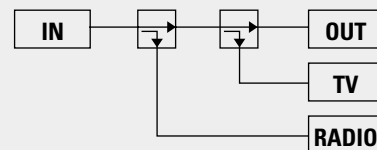
Electrical Data		DAT30x..					DAT65x..					
		..04	..11	..15	..19	..23	..04	..11	..15	..19	..23	
Frequency range [MHz]	DATA	5–862	5–862	5–862	5–862	5–862	5–862	5–862	5–862	5–862	5–862	5–862
	TV	47–862	47–862	47–862	47–862	47–862	87–862	87–862	87–862	87–862	87–862	87–862
	FM	47–862	47–862	47–862	47–862	47–862	87–862	87–862	87–862	87–862	87–862	87–862
Through loss [dB]	5	n.a.	< 4.0	< 2.3	< 1.0	< 1.0	n.a.	< 4.5	< 2.3	< 1.0	< 1.0	< 1.0
	50	n.a.	< 3.3	< 1.8	< 1.0	< 1.0	n.a.	< 3.5	< 1.8	< 1.0	< 1.0	< 1.0
	862	n.a.	< 4.5	< 2.4	< 2.0	< 2.0	n.a.	< 4.5	< 2.4	< 2.0	< 2.0	< 2.0
Side loss TV [dB]	5	40	53	55	61	61	40	53	55	61	61	61
	50	4	11	15	19	23	4	11	15	19	23	23
	862	4	11	15	19	23	4	11	15	19	23	23
Mutual isolation at 1 outlet [dB]	5–30	≥ 55	≥ 60	≥ 60	≥ 60	≥ 60	≥ 50	≥ 60	≥ 60	≥ 60	≥ 60	≥ 60
	30–47	≥ 20	≥ 40	≥ 44	≥ 44	≥ 44	≥ 20	≥ 40	≥ 44	≥ 44	≥ 44	≥ 44
	30–300	≥ 20	≥ 40	≥ 44	≥ 44	≥ 44	≥ 20	≥ 40	≥ 44	≥ 44	≥ 44	≥ 44
Screening factor [dB]	47–300	VHF	85	85	85	85	85	85	85	85	85	85
	300–862	UHF	75	75	75	75	75	75	75	75	75	75
Return loss	5–40	IN/OUT	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB
	40–862	IN/OUT	–1.5	–1.5	–1.5	–1.5	–1.5	–1.5	–1.5	–1.5	–1.5	–1.5
				dB/octave	dB/octave	dB/octave	dB/octave	dB/octave	dB/octave	dB/octave	dB/octave	dB/octave
	5–40	R/TV	14 dB	14 dB	14 dB	14 dB	14 dB	14 dB	14 dB	14 dB	14 dB	14 dB
	40–862	R/TV	–1.5	–1.5	–1.5	–1.5	–1.5	–1.5	–1.5	–1.5	–1.5	–1.5
			dB/octave	dB/octave	dB/octave	dB/octave	dB/octave	dB/octave	dB/octave	dB/octave	dB/octave	dB/octave

## Multimedia Outlets

### Broadband Outlets R/TV

Electrical Data		RTV000..				
		..04	..11	..15	..19	..23
Frequency range [MHz]	TV	5-862	5-862	5-862	5-862	5-862
	FM	5-862	5-862	5-862	5-862	5-862
Through loss [dB]	5	n.a.	< 3	< 1.3	< 1.0	< 1.0
	47	n.a.	< 3	< 1.3	< 1.0	< 1.0
	862	n.a.	< 3	< 1.5	< 1.7	< 1.5
Side loss TV [dB]	5	2.5	10-11	15	19	23-23.5
	47	2.5	10-11	15	19	23-23.5
	862	2.5	10-11	15	19	23-24.0
Mutual <sup>1)</sup> isolation at 1 outlet [dB]	5-47	≥ 20	≥ 60	≥ 44	≥ 60	≥ 60
	47-300	≥ 20	≥ 40	≥ 44	≥ 44	≥ 44
	300-862	≥ 20	≥ 30	≥ 40	≥ 40	≥ 40
Screening factor [dB]	47-300	VHF	85	85	85	85
	300-862	UHF	75	75	75	75
Return loss	5-40	IN/OUT	18 dB	18 dB	18 dB	18 dB
	40-862	IN/OUT	-1.5	-1.5	-1.5	-1.5
			dB/octave	dB/octave	dB/octave	dB/octave
	5 - 40	R/TV	14 dB	14 dB	14 dB	14 dB
	40 - 862	R/TV	-1.5	-1.5	-1.5	-1.5
			dB/octave	dB/octave	dB/octave	dB/octave

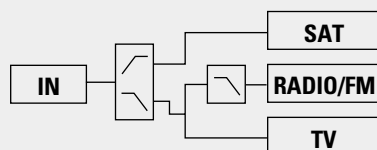
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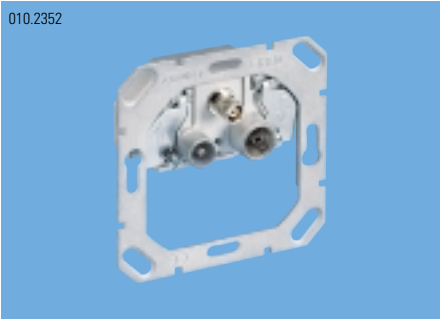


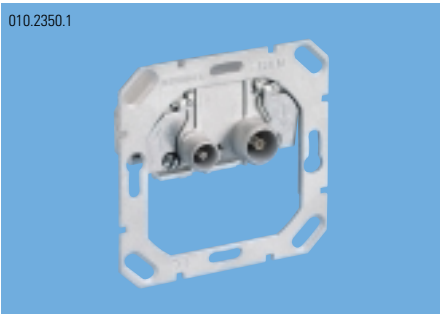


### SAT + R/TV Outlets

Electrical Data		SAT00F02	
Frequency range [MHz]	SAT		950-2150
	TV		5-862
	FM		5-139
Mutual isolation [dB]	5-700	TV	3
	700-862	TV	< 7
	5-108	FM	8
	108-139	FM	12
	950-2150		< 6
Screening factor [dB]	47-300	VHF	75
	300-470	UHF	75
	470-862	UHF	65
	950-2150	SAT	55
Return loss	5-40	IN	14 dB
	40-862	IN	-1,5 db/octave
	5-40	R/TV	14 dB
	40-862	R/TV	-1,5 db/octave

020.2130.1



Ordering Information	Description	Packing Unit	Part Number
 <p>010.2352</p>	<p><b>Broadband Modem Outlets, 30 MHz</b> R/TV connections to IEC standard. MiniDat jacks for cable modem (compatible with ®Wisi WICLIC). Return path capable, frequency range transit 47–862 MHz, return path 5–30 MHz.</p>		
	Individual outlet <sup>1</sup> 4 dB <sup>2</sup> n.a. DAT30M-04	10	R307111 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 11 dB <sup>2</sup> 4.5 dB DAT30M-11	10	R307112 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 15 dB <sup>2</sup> 2.4 dB DAT30M-15	10	R307113 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 19 dB <sup>2</sup> 2.0 dB DAT30M-19	10	R307114 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 23 dB <sup>2</sup> 2.0 dB DAT30M-23	10	R307115 <a href="#">HomeWiring</a>
 <p>010.2352</p>	<p><b>Broadband Modem Outlets, 65 MHz</b> R/TV connections to IEC standard. MiniDat jacks for cable modem (compatible with ®Wisi WICLIC). Return path capable, frequency range transit 87–862 MHz, return path 5–65 MHz.</p>		
	Individual outlet <sup>1</sup> 4 dB <sup>2</sup> n.a. DAT65M-04	10	R307116 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 11 dB <sup>2</sup> 4.5 dB DAT65M-11	10	R307117 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 15 dB <sup>2</sup> 2.4 dB DAT65M-15	10	R307118 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 19 dB <sup>2</sup> 2.0 dB DAT65M-19	10	R307119 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 23 dB <sup>2</sup> 2.0 dB DAT65M-23	10	R307120 <a href="#">HomeWiring</a>
 <p>010.2351</p>	<p><b>SAT + R/TV Outlet, 65 MHz</b> R/TV connections to IEC standard. With F-connector for satellite receiver. Frequency range 5–2150 MHz.</p>		
Individual outlet <sup>1</sup> 2–6 dB <sup>2</sup> n.a. SAT00F-02	10	R307121 <a href="#">HomeWiring</a>	
 <p>010.2350.1</p>	<p><b>Broadband Outlets R/TV</b> R/TV connections to IEC standard. Frequency range 5–862 MHz.</p>		
	Individual outlet <sup>1</sup> 4 dB <sup>2</sup> n.a. RTV000-04	10	R307122 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 11 dB <sup>2</sup> 3.0 dB RTV000-11	10	R307123 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 15 dB <sup>2</sup> 1.5 dB RTV000-15	10	R307124 <a href="#">HomeWiring</a>
	Loop-through outlet <sup>1</sup> 19 dB <sup>2</sup> 1.7 dB RTV000-19	10	R307125 <a href="#">HomeWiring</a>
Loop-through outlet <sup>1</sup> 23 dB <sup>2</sup> 1.5 dB RTV000-23	10	R307126 <a href="#">HomeWiring</a>	

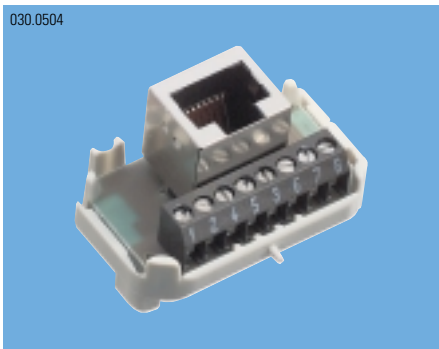
**i** Outlet labelling code

**Outlet type:** DAT = data, SAT = satellites, R/TV = radio/TV  
**Return path [MHz]:** 00 = no return path, 30 = return path 5–30 MHz, 65 = return path 5–65 MHz  
**Connector type (third jack):** M = MiniDat, F = F-connector, 0 = no additional jack  
**Side loss:** -02, -04, -11, -15, -19, -23  
**Matching inserts:** 1 x RJ45 and 2 x RJ45 and A6, see pages 197/198.

**i** <sup>1</sup> = side loss  
<sup>2</sup> = through loss

## RJ45 Inserts

030.0504



All RJ45 inserts can be used for all applications in the areas ISDN, xDSL and analogue telephone (class B, in accordance with ISO IEC 11801 and EN 50173). The Cat. 5e inserts even allow the setting up of smaller networks. These inserts offer Cat. 5e performance in accordance with ISO IEC 11801 and EN 50 173.

The screw terminals with wire protection make it possible to easily realise bus systems (ISDN), xDSL and analogue telephony. The screw terminals allow the smooth contacting of up to two wires of 0.8 mm in diameter.

All RJ45 inserts are available in shielded and unshielded versions.

### Features

- All RJ45 inserts fulfil class B requirements in accordance with ISO IEC 11801 and EN 50173
- In addition, the 1- and 2-port RJ45 inserts comply with the Cat. 3 requirements in accordance with ISO IEC 11801 and EN 50173
- The RJ45 inserts comply with the Cat. 5e requirements in accordance with ISO IEC 11801 and EN 50173
- Easy and time-saving shield contacting, patented by R&M (for shielded versions)
- The inserts can be combined as needed
- Screw terminals with wire protection
- All screw terminals carry the label of the matching RJ45 contact number
- Holder for termination resistors included (Snap-In type)

### Mechanical data, electrical data, and transmission performance (typical values at 20 °C)

#### Mechanical Data (all RJ45 inserts)

Number of RJ45 jacks	1/2/4
RJ45 jacks	acc. to IEC 603-7
Mating cycles	min. 750
Admissible wire $\varnothing$	2 x 0.8 mm (AWG 18)
Shield contacting	through shield lance (on cable)

#### Electrical Data (all RJ45 inserts)

Contact resistance	< 300 m $\Omega$ (screw terminal-jack)
Insulation resistance	> 500 m $\Omega$ (500 VDC)
Dielectric strength	1000 VAC eff. 1 min.
Current strength	1 A

#### Category 5e Inserts

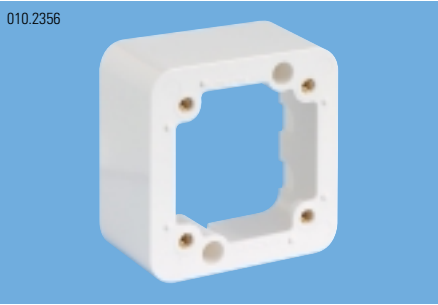
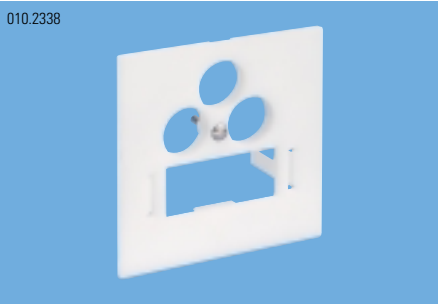


Attenuation	< 0.4 dB @ 100 MHz
NEXT	> 43 dB @ 100 MHz
FEXT	> 35.1 dB @ 100 MHz
Return loss	> 20 dB @ 100 MHz

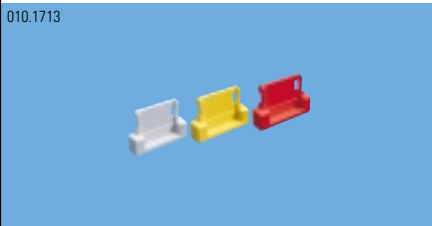
Ordering Information	Description	Packing Unit	Part Number
 <p>030.0503</p>	<p><b>Insert 1 x RJ45/u, 8 Pole</b></p> <p><b>Insert 1 x RJ45/u, 8 Pole Cat. 5e</b></p>  <p>010.1384</p>	<p>10</p> <p>10</p>	<p>R35153</p> <p>R35213</p> <p>HomeWiring</p> <p>CLASSICsystem</p>
 <p>030.0504</p>	<p><b>Insert 1 x RJ45/s, 8 Pole</b></p> <p><b>Insert 1 x RJ45/s, 8 Pole Cat. 5e</b></p>  <p>010.1385</p>	<p>10</p> <p>10</p>	<p>R35154</p> <p>R35214</p> <p>HomeWiring</p> <p>CLASSICsystem</p>
 <p>010.2345</p>	<p><b>Insert 2 x RJ45/s+u, Ethernet/ISDN Cat. 5e</b></p>  <p>020.2127</p>	<p>10</p>	<p>R307152</p> <p>HomeWiring</p> <p>CLASSICsystem</p>
 <p>010.1202</p>	<p><b>Insert 2 x RJ45/u, Ethernet Cat. 5e</b></p>  <p>010.1390</p>	<p>10</p>	<p>R35220</p> <p>HomeWiring</p> <p>CLASSICsystem</p>
 <p>010.1203</p>	<p><b>Insert 2 x RJ45/s, Ethernet Cat. 5e</b></p>  <p>010.1391</p>	<p>10</p>	<p>R35221</p> <p>HomeWiring</p> <p>CLASSICsystem</p>

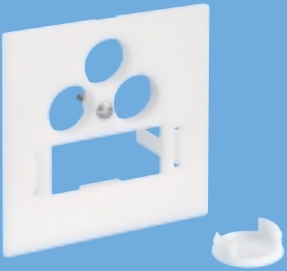


**i** RJ45/s = RJ45 jack, shielded  
 RJ45/u = RJ45 jack, unshielded  
 Supplied with all RJ45 inserts are two cable ties, mounting instructions and a labelling set.  
 New: RJ11 up reduction see page 171.




## R&M Front Plates, Standard

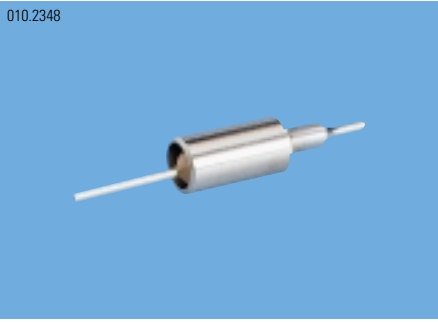


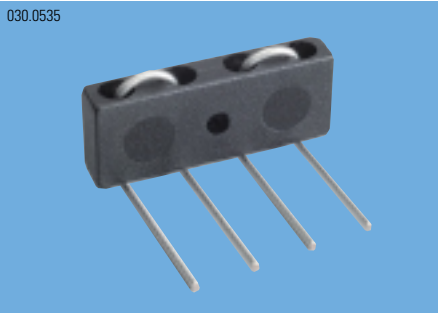
Ordering Information	Description	Packing Unit	Part Number
010.2356 	<b>WM Frame for wall-mounted installations of FM outlets, h = 50 mm, white</b>	1	R307155
010.2338 	<b>Front Plate DIN 50 x 50 mm, white RAL9010, prepared for colour coding</b>		
	3 x coax	10	R307127
	3 x coax + 1 x RJ45	10	R307128 <span>HomeWiring</span>
	3 x coax + 2 x RJ45	10	R307129 <span>HomeWiring</span>
010.2336 	<b>Front Plate Ø 58 mm, white RAL9010 CH standard, incl. blind cover, prepared for colour coding</b>		
	3 x coax	10	R307131
	3 x coax + 1 x RJ45	10	R307132 <span>HomeWiring</span>
	3 x coax + 2 x RJ45	10	R307133 <span>HomeWiring</span>
010.2355 	<b>FM Outlet 86 x 86 mm, white RAL9010 CH standard, incl. washer 58 mm, and blind cover, prepared for colour coding</b>		
	3 x coax	1	R307136
	3 x coax + 1 x RJ45	1	R307137 <span>HomeWiring</span>
	3 x coax + 2 x RJ45	1	R307138 <span>HomeWiring</span>

Matching Accessories
Snap-In Colour Coding
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Ordering Information	Description	Packing Unit	Part Number
<p>010.2338</p> 	<p><b>Front Plate Edizio 60 x 60 mm, white RAL 9010, incl. blind cover, prepared for colour coding</b></p> <p>3 x coax                      3 x coax + 1 x RJ45                      3 x coax + 2 x RJ45</p>	<p>10                      10                      10</p>	<p>R307140                      R307141 <a href="#">HomeWiring</a>                      R307142 <a href="#">HomeWiring</a></p>
<p>010.2903</p> 	<p><b>FM Outlet 88 x 88 mm Edizio, white RAL 9010, incl. front plate 60 x 60 mm and blind cover, prepared for colour coding</b></p> <p>3 x coax                      3 x coax + 1 x RJ45                      3 x coax + 2 x RJ45</p>	<p>1                      1                      1</p>	<p>R307144                      R307145 <a href="#">HomeWiring</a>                      R307146 <a href="#">HomeWiring</a></p>
<p>010.2347</p> 	<p><b>WM Outlet 78 x 78 mm Edizio, white RAL 9010, incl. front plate 60 x 60 mm, height = 56 mm, and blind cover, prepared for colour coding</b></p> <p>3 x coax                      3 x coax + 1 x RJ45                      3 x coax + 2 x RJ45</p>	<p>1                      1                      1</p>	<p>R307148                      R307149 <a href="#">HomeWiring</a>                      R307150 <a href="#">HomeWiring</a></p>




Matching Accessories
Snap-In Colour Coding
<p>010.1713</p> 
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## Accessories

Ordering Information	Description	Packing Unit	Part Number
010.2348	 <p><b>Terminal Resistor 75 Ohm for multimedia outlet</b> Applied with loop-through outlets that are configured as end sockets. The terminal resistor 75 Ohm must not be used with individual or SAT outlets since they already have one built in.</p>	10	R307153 <span>HomeWiring</span>
010.2357.1	 <p><b>Blind Cover</b> To cover the third jack when using 2-hole outlets or serve as dust cover with MiniDat jacks.</p>	10	R307154 <span>HomeWiring</span>
010.2346	 <p><b>MiniDat Modem Connection Cable</b> To connect the data outlet to the cable modem. Modem: F-Quick connector Outlet: MiniDat</p>		
	1.5 m	1	R307106 <span>HomeWiring</span>
	3.0 m	1	R307108 <span>HomeWiring</span>
	5.0 m	1	R307109 <span>HomeWiring</span>
030.0535	 <p><b>ISDN-T Resistance, 2 x 100 Ohm</b> Fits all RJ45 inserts with screw clamp. To snap in.</p>	10	R35211

The wall-mounted, hollow wall and flush-mounted distributors are designed to accommodate R&M cabling components. They can be best equipped with the matching R&M installation kits. Delivery includes the actual distributor box (FM, hollow wall), a frame, a special door with air slots and various small parts.

Colour: pure white (RAL 9010).

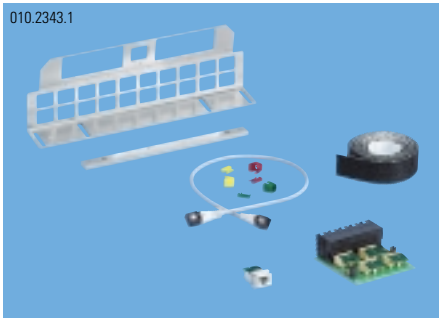
Ordering Information	Description	Packing Unit	Part Number
<p>010.2340</p> 	<p><b>WM Distributor Volta (empty)</b></p> <p>Size 4, 4 rows (w 305 x h 640 x d 96.5 mm)</p>	1	R306183 <span style="background-color: #FFD700; border-radius: 5px; padding: 2px;">HomeWiring</span>
<p>010.2341</p> 	<p><b>Hollow Wall Distributor Volta (empty)</b></p> <p>Size 4, 4 rows FM distributor box: w 330 x h 692 x d 90 mm Frame: w 348 x h 711 x d 9 mm</p>	1	R306185 <span style="background-color: #FFD700; border-radius: 5px; padding: 2px;">HomeWiring</span>
<p>010.2341</p> 	<p><b>FM Distributor Volta (empty)</b></p> <p>Size 4, 4 rows FM distributor box: w 330 x h 692 x d 90 mm Frame: w 348 x h 711 x d 9 mm</p>	1	R306187 <span style="background-color: #FFD700; border-radius: 5px; padding: 2px;">HomeWiring</span>

Ordering Information

Description

Packing Unit

Part Number



**Installation Kit, large, for Volta Home Wiring Distributors**

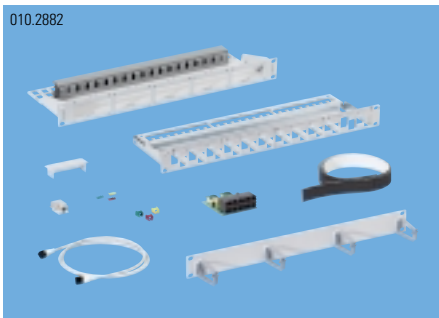
Including 11 RJ45 Cat. 5e connection modules and 6 RJ45 patch cords.

shielded	1	R309690	HomeWiring
unshielded	1	R309689	HomeWiring

The installation kits contain all components required to equip the distributors.

**Supplied:**

- Patch panel accommodating 21 RJ45 connection modules and up to two 10 x RJ45 connection modules
- Cat. 5e Snap-In RJ45 connection modules
- RJ45 patch cords of 0.5 m length
- Connection module 10 x RJ45, ISDN/POTS, serving as ISDN star distributor for ISDN and analogue telephone
- Velcro tape for an efficient fastening of the active components
- Fastening material and colour coding for patch cords and connection modules



**Installation Kit, shielded, 19"**

Including 17 RJ45 Cat. 5e/shielded connection modules and 15 Cat. 5e/shielded patch cords.

1	R309118	HomeWiring
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**Installation Kit, unshielded, 19"**

Including 17 RJ45 Cat. 5e/unshielded connection modules and 15 Cat. 5e patch cords.

1	R309119	HomeWiring
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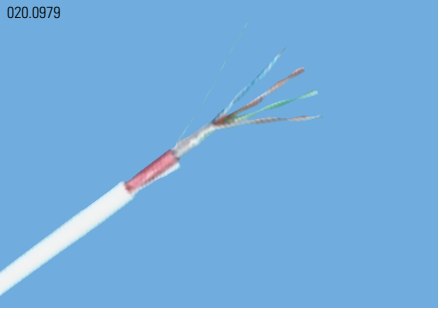
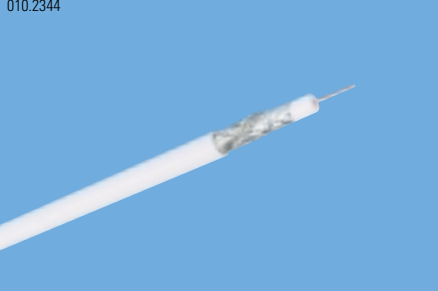
The installation kits contain all components required to equip 19" standard housing.

**Supplied:**

- 1U 24-port patch panel, Cat. 5e RJ45 connection modules
- 1U voice panel, incl. connection module 10 x RJ45, ISDN/POTS as ISDN star distributor for ISDN and analogue telephony, plus four blind covers
- RJ45 patch cords of 1.5 m length
- FLF 2 x 1-port cover plate
- Colour coding for patch cords and connection modules (yellow, green and red)
- Velcro tape for an efficient fastening of the active components



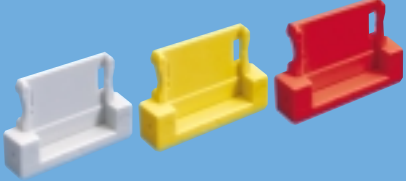


## Installation Cables

Ordering Information	Description	Packing Unit	Part Number						
 <p>020.0980</p>	<p>Unshielded 100 Ohm installation cable, suitable for voice, video and data transmission at frequencies of up to 125 MHz. Dimensions: 4 x 2 x 0.5 mm (AWG24). (3P and Delta certificates available.)</p>		<p><b>Installation Cable, Cat. 5e, U/UTP 4P, PVC</b> 500 m drum R35044 1</p> <p><b>Installation Cable, Cat. 5e, U/UTP 4P, LSOH</b> 500 m drum R35045 1</p> <p><b>Installation Cable, Cat. 5e, U/UTP 4P, PVC</b> 305 m box <b>R35291</b> 1</p> <p><b>Installation Cable, Cat. 5e, U/UTP 4P, LSOH</b> 305 m box <b>R35292</b> 1</p>						
			 <p>020.0982</p>	<p>Screened/foiled 100 Ohm installation cable, suitable for voice, data and video transmission at frequencies of up to 125 MHz. Dimensions: 4 x 2 x 0.5 mm (AWG24). Shield: aluminium foil and tin-plaited copper braid. (3P and Delta certificates available.)</p>		<p><b>Installation Cable, Cat. 5e, SF/UTP 4P, PVC</b> 500 m drum <b>R35052</b> 1</p> <p><b>Installation Cable, Cat. 5e, SF/UTP 4P, LSOH</b> 500 m drum <b>R302089</b> 1</p> <p><b>Installation Cable, Cat. 5e, SF/UTP 4P, LSFROH</b> 500 m drum R35053 1</p>			
						 <p>020.0979</p>	<p>Foiled 100 Ohm installation cable, suitable for voice, video and data transmission at frequencies of up to 125 MHz. Dimensions: 4 x 2 x 0.5 mm (AWG24). Shield: aluminium foil, drain wire: tin-coated copper wire (Ø 0.5 mm)</p>		<p><b>Installation Cable, Cat. 5e, F/UTP 4P, PVC</b> 305 m box R300317 <span>HomeWiring</span> <span>CLASSICsystem</span></p>
									 <p>010.2344</p>
<p><b>Information</b> 1 = <span>HomeWiring</span> <span>CLASSICsystem</span></p>									

### Cable Properties

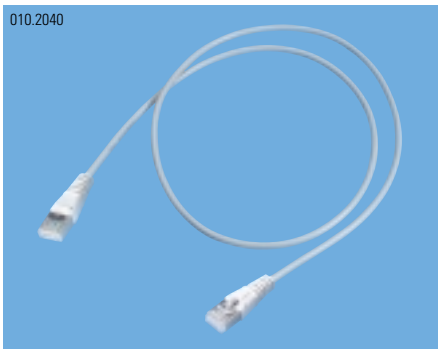
Material inner conductor	Cu	Attenuation per 100 m	4 dB / 47 MHz
Inner conductor Ø	1.1 mm		6 dB / 100 MHz
Material dielectric	Cell PE		12 dB / 470 MHz
Dielectric Ø	5.0 mm		18 dB / 860 MHz
Shield material	Al-compound foil and 32-grade CuAg braid		19 dB / 950 MHz
Jacket Ø	7.0 mm		26 dB / 1750 MHz
Jacket material	PVC		30 dB / 2150 MHz
Colour	white	Screening factor	> 90 dB / 2150 MHz
		Impedance	75 Ohm

Ordering Information	Description	Packing Unit	Part Number	
<p>010.2023.1</p> 	<p><b>Cat. 5e, 1 x RJ45/u Snap-In Connection Module, to complement the installation kit</b> Cat. 5e connection module with one unshielded RJ45 port. Includes one dust cover, one cable tie and installation instructions.</p>	10	<b>R302518</b>	<p>HomeWiring CLASSICsystem</p>
<p>010.2022.2</p> 	<p><b>Cat. 5e, 1 x RJ45/s Snap-In Connection Module, to complement the installation kit</b> Cat. 5e connection module with one shielded RJ45 port. Includes one EMC cover, one dust cover, and one cable tie and installation instructions.</p>	10	<b>R302780</b>	<p>HomeWiring CLASSICsystem</p>
<p>010.1713</p> 	<p><b>Snap-In Coding Clip, anthracite</b> <b>Snap-In Coding Clip, blue</b> <b>Snap-In Coding Clip, brown</b> <b>Snap-In Coding Clip, green</b> <b>Snap-In Coding Clip, red</b> <b>Snap-In Coding Clip, violet</b> <b>Snap-In Coding Clip, white</b> <b>Snap-In Coding Clip, yellow</b></p>	<p>10 10 10 10 10 10 10 10</p>	<p><b>R302151</b> <b>R302152</b> <b>R302153</b> <b>R302154</b> <b>R302155</b> <b>R302156</b> <b>R302157</b> <b>R302158</b></p>	<p>HomeWiring HomeWiring HomeWiring HomeWiring</p>



## Patch Cords

010.2040



### Patch Cord Characteristics Cat. 5e

	U/UTP	SF/UTP
Inner conductor diameter	Stranded copper AWG26/7	Stranded copper AWG26/7
Number of pairs	4	4
Screen 1 pair	No	No
Outer screen	No	Cu-braid+AL/polyester foil
Jacket	PVC	LSFROH
Overall diameter	5.1 mm	5.5 mm
Bending radius	25 mm	30 mm

### Patch Cords, unshielded U/UTP 4P, PVC, Cat. 5e

Connection 1:1

Length [m]	Jacket PVC			Packing Unit
0.5	R305014	HomeWiring	CLASSICsystem	10
1.0	R305015	HomeWiring	CLASSICsystem	10
1.5	R305019	HomeWiring	CLASSICsystem	10
2.0	R305020	HomeWiring	CLASSICsystem	10
3.0	R305021	HomeWiring	CLASSICsystem	10
5.0	R305022	HomeWiring	CLASSICsystem	10
7.5	R305023		CLASSICsystem	10
10.0	R305024		CLASSICsystem	10
12.5	R305025		CLASSICsystem	5
15.0	R305026		CLASSICsystem	5
20.0	R305027		CLASSICsystem	5

### Patch Cords, shielded SF/UTP 4P, LSFROH, Cat. 5e

Connection 1:1

Length [m]	Jacket LSFROH			Packing Unit
0.5	R305039	HomeWiring	CLASSICsystem	10
1.0	R305040	HomeWiring	CLASSICsystem	10
1.5	R305041	HomeWiring	CLASSICsystem	10
2.0	R305042	HomeWiring	CLASSICsystem	10
3.0	R305043	HomeWiring	CLASSICsystem	10
5.0	R305044	HomeWiring	CLASSICsystem	10
7.5	R305045		CLASSICsystem	10
10.0	R305046		CLASSICsystem	10
12.5	R305047		CLASSICsystem	5
15.0	R305048		CLASSICsystem	5
20.0	R305049		CLASSICsystem	5

## Ordering Information

010.1696



## Description

Colour Coding, anthracite  
 Colour Coding, blue  
 Colour Coding, brown  
 Colour Coding, yellow  
 Colour Coding, grey  
 Colour Coding, green  
 Colour Coding, red  
 Colour Coding, violet

## Packing Unit

20  
 20  
 20  
 20  
 20  
 20  
 20  
 20

## Part Number

**R302342**  
**R302343**  
**R302344**  
**R302345**  
**R302347**  
**R302348**  
**R302349**  
**R302420**

HomeWiring

HomeWiring

HomeWiring