

Quickreference: Cat.6 / Class E shielded

Horizontal floor cabling subsystem
with shielded twisted pair technology



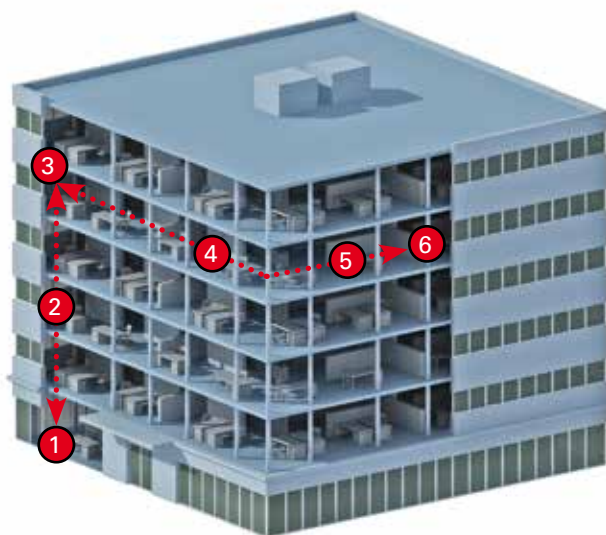
Version: September 2015



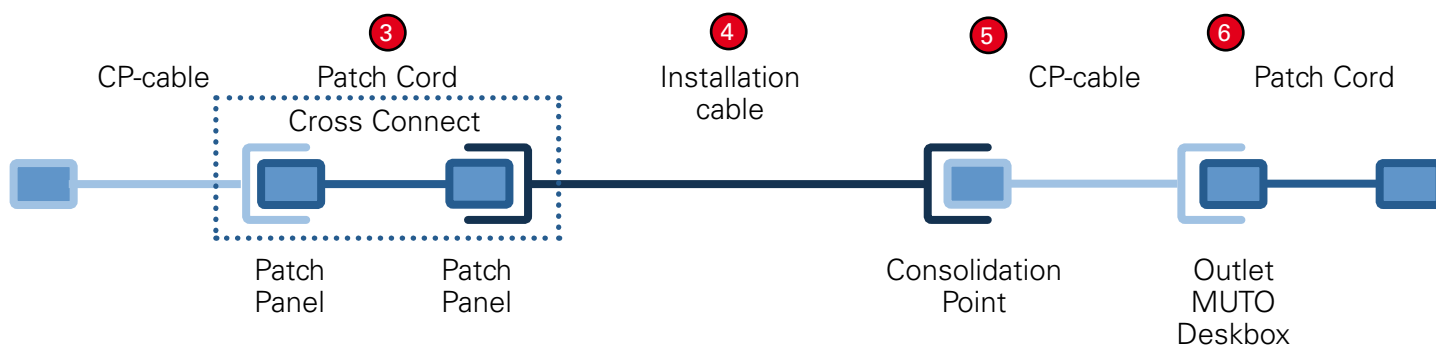
Convincing cabling solutions

SYSTEM OVERVIEW

The shielded Cat.6 / Class E product line is intended for generic cabling systems for applications up to 1 GBit/s with increased requirements and improved protection against external disturbances (EMC). It is best suited for large-sized installations with moderate data volume and for PoE application.



- 1: Building distributor
- 2: Backbone cabling
- 3: Floor distributor
- 4: Horizontal cabling
- 5: Consolidation Point
- 6: Terminal outlet



Cabling Structure	Generic cabling system with up to 4 connectors
Channel Performance	Class E acc. ISO/IEC 11801 / EN 50173
PL Performance	Class E acc. ISO/IEC 11801 / EN 50173
Connectivity	RJ45 Cat.6 /s acc. IEC 60603-7-5

Certificates from independent test institutes	Yes
1G Ethernet Support	Yes
10G Ethernet Support	No
40G / 100G Ethernet Support	No
High Density Support	No
Garantie System	25 Years

RJ45 MODULE



Connection Module Real10 Cat.6,
1xRJ45/s

R302372 10x
R304327 100x



Connection Module Real10 Cat.6,
1xRJ45/s, Snap-in

R304373 10x
R308732 100x



Connection Module Real10 Cat.6,
1xRJ45/s, Snap-in, black

R512370 24x



Connection Module Real10 Cat.6,
1xRJ45/s, Special

R305113 20x



Connection Module Real10 Cat.6,
1xRJ45/s, Flap Jack

R305764 20x

PATCHCORDS





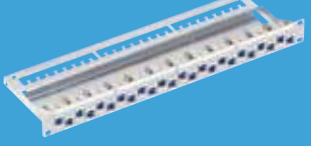
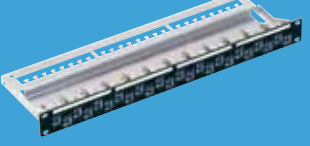
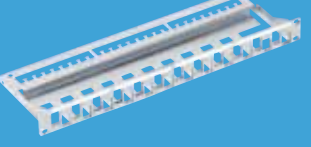
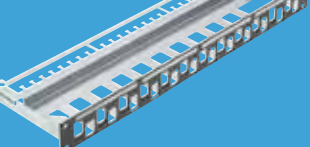
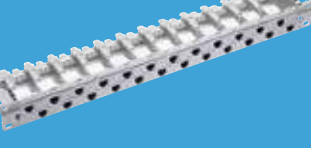

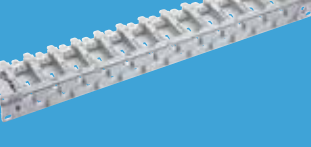
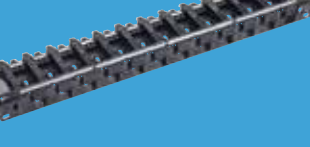
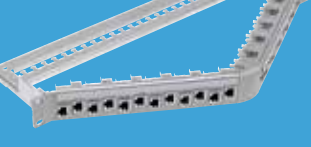
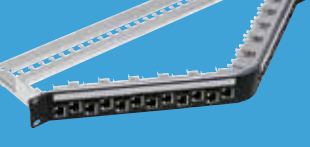
Patch Cord Real10 Cat.6, S/FTP, 4P,
LSFRZH, gray, RJ45/s-RJ45/s, 0.5 m

R302331 0.5m
R302332 1.0m
R302333 1.5m
R302334 2.0m
R302335 3.0m
R302336 5.0m
R302337 7.5m
R302338 10.0m
R302339 12.5m
R302340 15.0m
R302418 20.0m

Module compatibility reference:

- Cat.6, 1xRJ45/s
- Cat.6, 1xRJ45/s, Snap-in
- ▲ Cat.6, 1xRJ45/s, Special
- ◆ Cat.6, 1xRJ45/s, Flap Jack

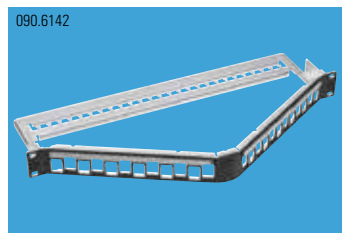
19" PANELS

<p>010.2175</p> 	<p>19" 1U Patch Panel 16xRJ45/s, Real10 Cat.6, fully populated</p> <p>R305887</p>	<p>010.2179</p> 	<p>19" 1U Patch Panel 16-Port/s, empty</p> <p>R305889</p>
<p>010.2064</p> 	<p>19" 1U ST Patch Panel 24xRJ45/s, Real10 Cat.6, gray, fully populated</p> <p>R305120</p>	<p>090.6280</p> 	<p>19" 1U ST Patch Panel 24xRJ45/s, Real10 Cat.6, black, fully populated</p> <p>R514695</p>
<p>010.2067</p> 	<p>19" 1U ST Patch Panel 24-Port, gray, empty</p> <p>R305119</p>	<p>090.5808</p> 	<p>19" 1U ST Patch Panel 24-Port, black, empty</p> <p>R511996</p>
<p>090.7031</p> 	<p>19" 1U PC Patch Panel 24xRJ45/s, Real10 Cat.6, gray, fully populated</p> <p>R812474</p>	<p>090.7073</p> 	<p>19" 1U PC Patch Panel 24xRJ45/s, Real10 Cat.6, black, fully populated</p> <p>R812472</p>
<p>090.7033</p> 	<p>19" 1U PC Patch Panel 24-Port/s, Cat.5/6, gray, empty</p> <p>R812466</p>	<p>090.7032</p> 	<p>19" 1U PC Patch Panel 24-Port/s, Cat.5/6, black, empty</p> <p>R812464</p>
<p>090.5049</p> 	<p>19" 1U Angled Patch Panel 24xRJ45/s, Real10 Cat.6, gray, fully populated</p> <p>R500539</p>	<p>090.6285</p> 	<p>19" 1U Angled Patch Panel 24xRJ45/s, Real10 Cat.6, black, fully populated</p> <p>R803924</p>

Module compatibility reference:

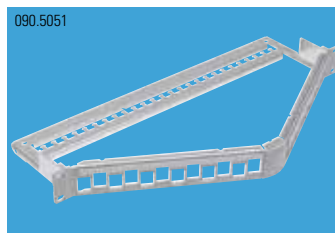
- Cat.6, 1xRJ45/s
- Cat.6, 1xRJ45/s, Snap-in
- ▲ Cat.6, 1xRJ45/s, Special
- ◆ Cat.6, 1xRJ45/s, Flap Jack

19" PANELS



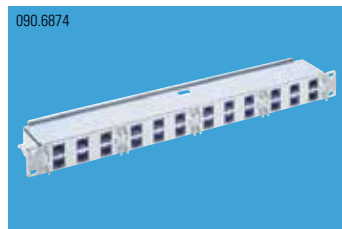
19" 1U Angled Patch Panel 24-Port, black, empty

■ **R511997**



19" 1U Angled Patch Panel 24-Port, gray, empty

■ **R506796**



19" 1U HD Basic Patch Panel 24xRJ45/s, Real10 Cat.6, gray, fully populated

■ **R809213**



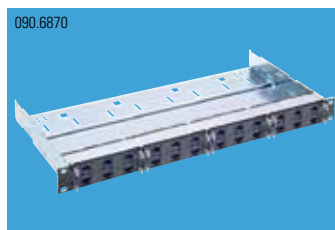
19" 1U HD Patch Panel 24xRJ45/s, Real10 Cat.6, gray, fully populated

■ **R809221**



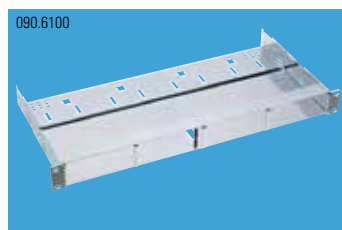
19" 1U HD Basic Patch Panel 24xRJ45/s, Real10 Cat.6, black, fully populated

■ **R809215**



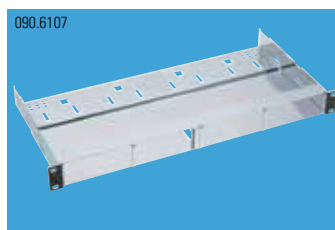
19" 1U HD Patch Panel 24xRJ45/s, Real10 Cat.6, black, fully populated

■ **R809223**



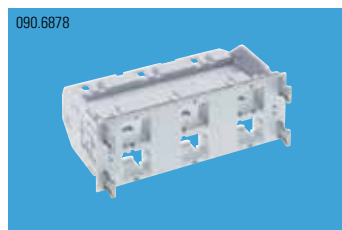
19" 1U HD Patch Panel 48-Port, gray, empty

■ **R512416**



19" 1U HD Patch Panel 48-Port, black, empty

■ **R512721**



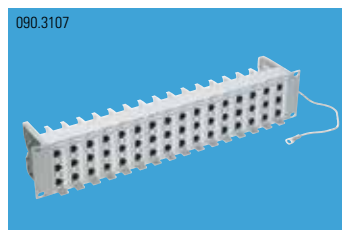
Connection Module Holder HD, 4x 6-port/s, Cat.5/6, gray

▲ **R809225**



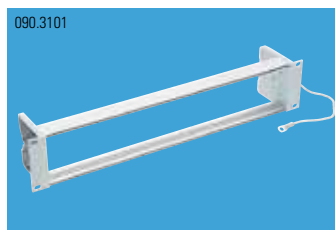
Connection Module Holder HD, 4x 6-port/s, Cat.5/6, black

▲ **R809340**



19" 2U Global Patch Panel 48xRJ45/s, Real10 Cat.6, fully populated

■ **R505719**





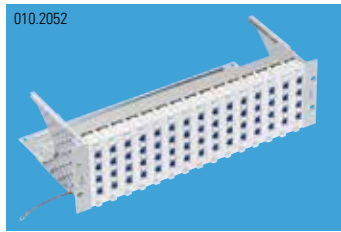
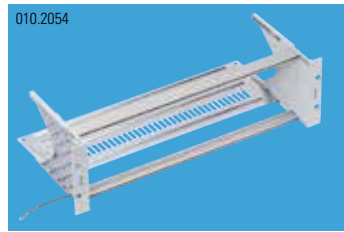

19" 2U Global Patch Panel 48-Port/s, empty

■ **R503806**

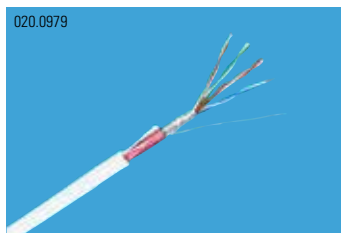
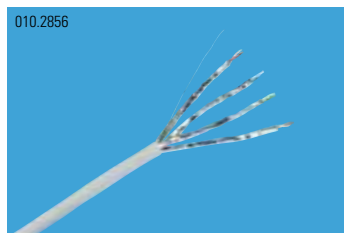
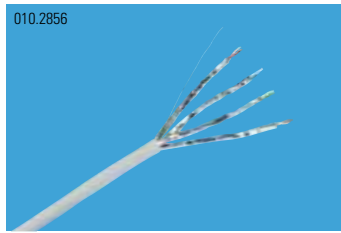
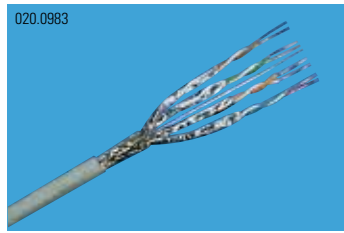
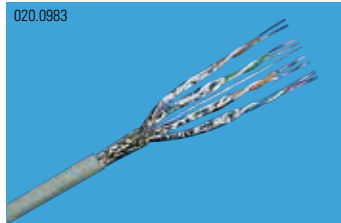
Module compatibility reference:

- Cat.6, 1xRJ45/s
- Cat.6, 1xRJ45/s, Snap-in
- ▲ Cat.6, 1xRJ45/s, Special
- ◆ Cat.6, 1xRJ45/s, Flap Jack

19" PANELS

	<p>090.3102 Connection Module Holder 2U Global/s</p> <p>● R503813</p>		<p>010.2053 19" 3U Global Patch Panel 48xRJ45/s, Real10 Cat.6, partly populated</p> <p>■ R302360</p>
	<p>010.2052 19" 3U Global Patch Panel 60xRJ45/s, Real10 Cat.6, fully populated</p> <p>■ R302362</p>		<p>010.2054 19" 3U Global Patch Panel 60-Port/s, empty</p> <p>■ R35408</p>
	<p>010.1183 Connection Module Holder 3U Global/s, 1 GU</p> <p>● R35402</p>		

INSTALLATION CABLES

	<p>020.0979 Installation Cable Cat.6, F/UTP, 4P, 450 MHz, LSZH, 500 m</p> <p>● R314933</p>		<p>010.2856 Installation Cable Real10 Cat.6A, U/FTP, 4P, 650 MHz, LSZH, 500 m</p> <p>■ R308247</p>
	<p>010.2856 Installation Cable Real10 Cat.6A, U/FTP, 4P, 650 MHz, LSFRZH, 500 m</p> <p>■ R813847</p>		<p>020.0983 Installation Cable Real10 Cat.6A, S/FTP, 4P, 650 MHz, LSZH, 500 m</p> <p>■ R305649</p>
	<p>020.0983 Installation Cable Real10 Cat.6A, S/FTP, 4P, 650 MHz, LSFRZH, 500 m</p> <p>■ R310488</p>		

Module compatibility reference:

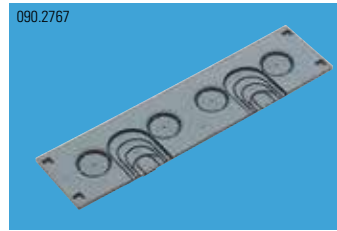
- Cat.6, 1xRJ45/s
- Cat.6, 1xRJ45/s, Snap-in
- ▲ Cat.6, 1xRJ45/s, Special
- ◆ Cat.6, 1xRJ45/s, Flap Jack

CONSOLIDATION POINTS



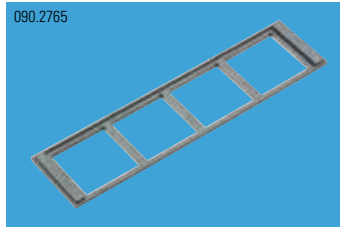
U-Box Housing, empty

R450551



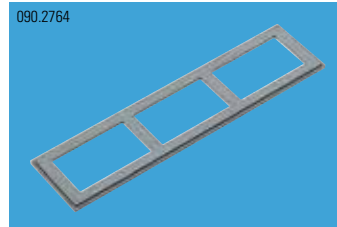
U-Box Faceplate Cable Entry

R450606



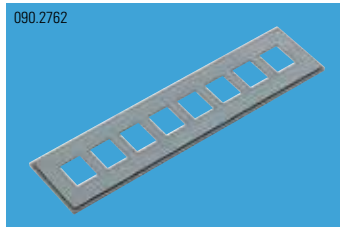
U-Box Faceplate 4x45x45

R450600



U-Box Faceplate 3xFLF

R450601



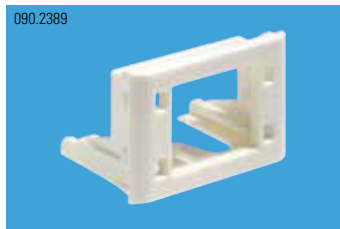
U-Box Faceplate 8xRJ45 Snap-in

R450602



FB COMBIbox 6xRJ45, empty

R450650



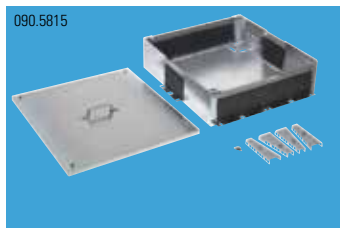
Module Holder RJ45 / E-2000™-Compact / SC-RJ / Universal Adapter, white

R307832



INTERbox 6xRJ45, empty

R307818



Raised Floor Box, metal, 179.5x550x580 mm

R512692

Module compatibility reference:

● Cat.6, 1xRJ45/s

■ Cat.6, 1xRJ45/s, Snap-in

▲ Cat.6, 1xRJ45/s, Special

◆ Cat.6, 1xRJ45/s, Flap Jack

CP CABLES



CP Cable Real10 Cat.6, S/FTP, 4P, LSFRZH, RJ45/s-RJ45/s

- R307092** 7.5 m
- R307093** 10.0 m
- R307094** 15.0 m

OUTLETS



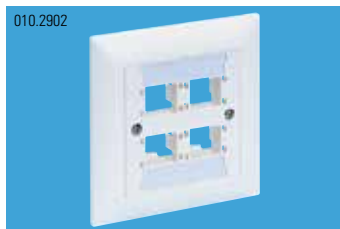
FM Global Outlet 88x88, 2x1-Port,

- **R310788** pure white
- **R310789** oyster white



FM Global Outlet 88x88, 3x1-Port,

- **R507877** pure white



FM Global Outlet 88x88, 4x1-Port,

- **R305150** pure white



WM Global Outlet 80x80, 2x1-Port,

- **R310786** pure white



WM Global Outlet 88x88, 3x1-Port,

- **R507880** pure white



DM Global Outlet 80x86, 2x1-Port,

- **R310790** pure white



DM Global Outlet 80x86, 2x1-Port,

- **R310787** oyster white



DM Global Outlet 80x86, 3x1-Port,

- **R507878** pure white



DM Global Outlet 80x86, 4x1-Port,

- ▲ **R305151** pure white



DM Global Outlet 84x84, 2x1-Port,

- **R318205** pure white

Module compatibility reference:

- Cat.6, 1xRJ45/s
- Cat.6, 1xRJ45/s, Snap-in
- ▲ Cat.6, 1xRJ45/s, Special
- ◆ Cat.6, 1xRJ45/s, Flap Jack

OUTLETS



Mini Surface Mount Box 1-Port,

● **R303901** **white**



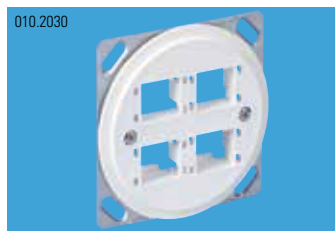
Mini Surface Mount Box 2x1-Port,

● **R804304** **pure white**



DM Outlet Ø-62.5, 2x1-Port,

● **R925781** **pure white**



DM Outlet Ø-62.5, 4x1-Port,

▲ **R305012** **pure white**



Mounting Plate 22.5x45, 1-Port,

● **R307835** **white**
● **R307837** **black**



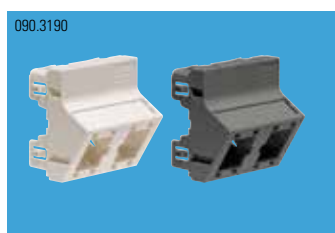
Mounting Plate 45x45, 2x1-Port,

● **R313330** **pure white**
● **R313331** **jet black**



Angled Mounting Plate 45x45, 1-Port,

● **R506663** **pure white**



Angled Mounting Plate 45x45, 2x1-Port,

● **R313332** **pure white**
● **R313331** **jet black**



FM Connection Box Splash Line IP54, 87x87, 1x1-Port,

● **R307037** **white**



FM Connection Box Splash Line IP54, 87x87, 2x1-Port,

● **R307036** **white**



SM Connection Box Splash Line IP54, 87x87, 1x1-Port,

● **R307038** **white**



SM Connection Box Splash Line IP54, 87x87, 2x1-Port,

● **R307039** **white**



Mounting Frame IP54,

● **R313733**

Module compatibility reference:

- Cat.6, 1xRJ45/s
- Cat.6, 1xRJ45/s, Snap-in
- ▲ Cat.6, 1xRJ45/s, Special
- ◆ Cat.6, 1xRJ45/s, Flap Jack

COUNTRY SPECIFIC OUTLETS

Different designs available for DIN, BS, US, DK, Fascia, FLF

MUTO

010.2855



Compact Housing 220x110, 3x2-Port,

● R308971 pure white



Deskbox products are available from Reichle Installation Technologies

3RD PARTY OUTLET ADAPTATIONS

090.2099



Adapter No. 1, module Cat.5e/6

▲ R310694

ACCESSORIES

090.2028



R&M Security System Level 1, 2, 3

Divers

■ See quickreference Security

090.2460



R&M IP Protection IP54, IP67

Divers

■ See quickreference IP Protection



for more information, see the R&M catalogue, www.rdm.com

Module compatibility reference:

- Cat.6, 1xRJ45/s
- Cat.6, 1xRJ45/s, Snap-in
- ▲ Cat.6, 1xRJ45/s, Special
- ◆ Cat.6, 1xRJ45/s, Flap Jack