

Quickreference: Cat.6 / Class E unshielded

Horizontal floor cabling subsystem
with unshielded twisted pair technology



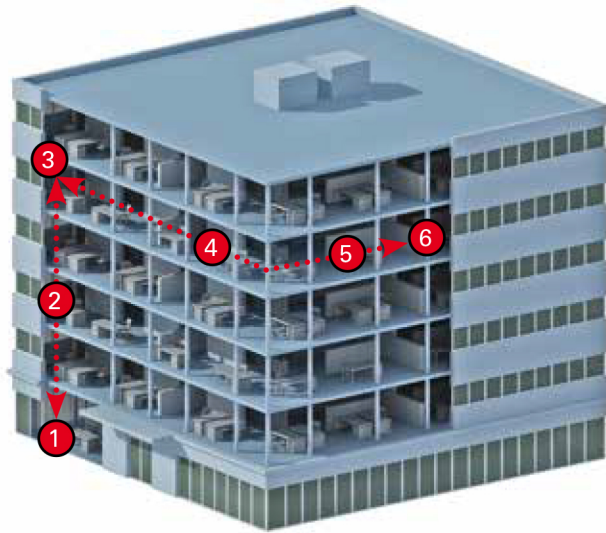
Version: September 2015



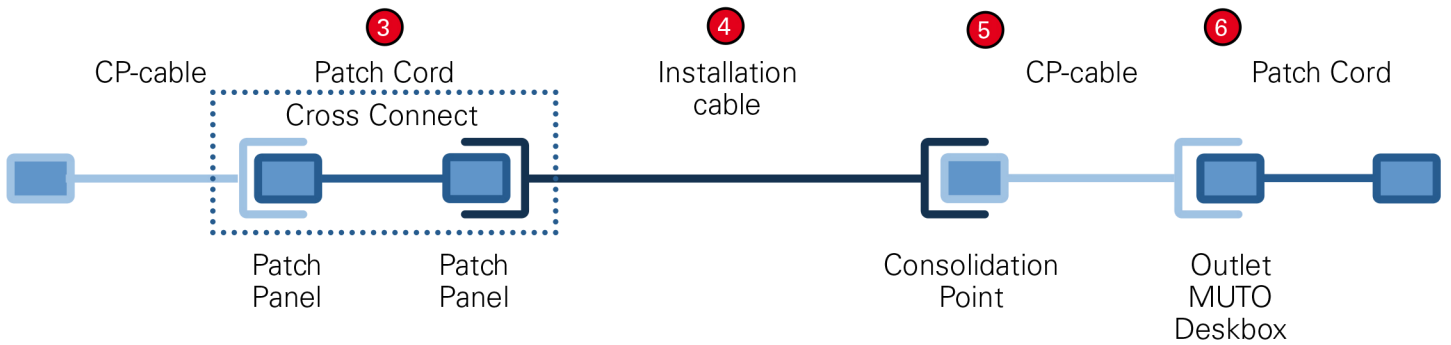
Convincing cabling solutions

SYSTEM OVERVIEW

The unshielded Cat.6 / Class E product line is intended for generic cabling systems for applications up to 1 GBit/s with increased requirements. It is best suited for mid-sized installations with moderate data volume and for PoE applications.



- 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 /u acc. IEC 60603-7-4

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 Cat.6,
1xRJ45/u

R302373 10x
R304328 100x



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

R304374 10x
R308734 100x



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

R512370 24x



Connection Module Cat.6,
1xRJ45/u, Special

R305113 20x



Connection Module Cat.6,
1xRJ45/u, Keystone

R305764 10x

PATCHCORDS



Patch Cord Cat.6, U/UTP, 4P, LSZH,
gray, RJ45/u-RJ45/u

R302309 0.5m
R302310 1.0m
R302311 1.5m
R302312 2.0m
R302313 3.0m
R302314 5.0m
R302315 7.5m
R302316 10.0m
R302317 12.5m
R302318 15.0m
R302319 20.0m

Module compatibility reference:


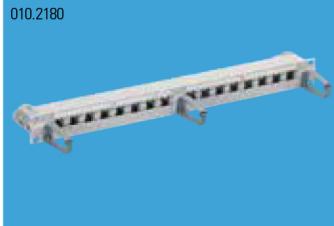

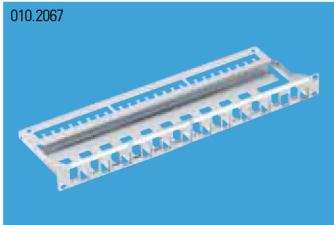
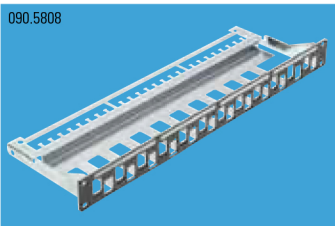
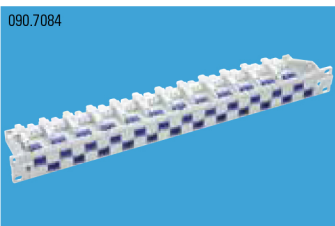
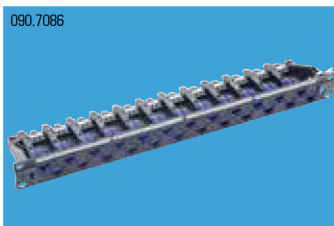
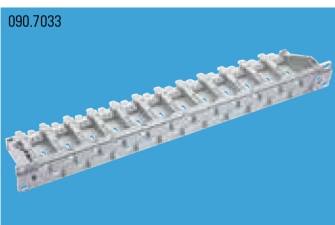
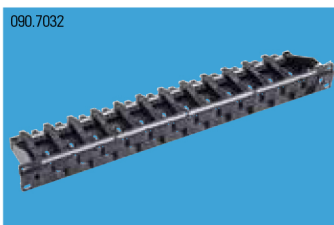

● Cat.6, 1xRJ45/u

■ Cat.6, 1xRJ45/u, Snap-in

▲ Cat.6, 1xRJ45/u, Special

◆ Cat.6, 1xRJ45/u, Keystone

19" PANELS

 <p>010.2178</p>	<p>19" 1U Patch Panel 16xRJ45/u, Cat.6, fully populated</p> <p>R305888</p>	 <p>010.2180</p>	<p>19" 1U Patch Panel 16-Port/u, empty</p> <p>R305890</p>
 <p>010.2065</p>	<p>19" 1U ST Patch Panel 24xRJ45/u, Cat.6, gray, fully populated</p> <p>R305117</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>090.7084</p>	<p>19" 1U PC Patch Panel 24xRJ45/u, Cat.6, gray, fully populated</p> <p>R812475</p>	 <p>090.7086</p>	<p>19" 1U PC Patch Panel 24xRJ45/u, Cat.6, black, fully populated</p> <p>R812473</p>
 <p>090.7033</p>	<p>19" 1U PC Patch Panel 24-Port/u, Cat.5/6, gray, empty</p> <p>R812467</p>	 <p>090.7032</p>	<p>19" 1U PC Patch Panel 24-Port/u, Cat.5/6, black, empty</p> <p>R812465</p>
 <p>090.5048</p>	<p>19" 1U Angled Patch Panel 24xRJ45/u, Cat.6, gray, fully populated</p> <p>R500532</p>		

Module compatibility reference:

- Cat.6, 1xRJ45/u
- Cat.6, 1xRJ45/u, Snap-in
- ▲ Cat.6, 1xRJ45/u, Special
- ◆ Cat.6, 1xRJ45/u, Keystone

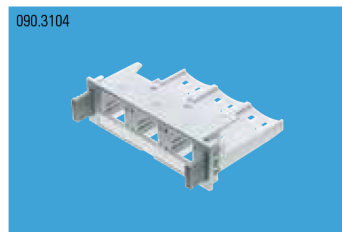
19" PANELS

 <p>090.6142</p>	<p>19" 1U Angled Patch Panel 24-Port, black, empty</p> <p>■ R511997</p>	 <p>090.6051</p>	<p>19" 1U Angled Patch Panel 24-Port, gray, empty</p> <p>■ R506796</p>
 <p>090.6874</p>	<p>19" 1U HD Basic Patch Panel 24xRJ45/u, Cat.6, gray, fully populated</p> <p>■ R809214</p>	 <p>090.6875</p>	<p>19" 1U HD Patch Panel 24xRJ45/u, Cat.6, gray, fully populated</p> <p>■ R809222</p>
 <p>090.6872</p>	<p>19" 1U HD Basic Patch Panel 24xRJ45/u, Cat.6, black, fully populated</p> <p>■ R809216</p>	 <p>090.6100</p>	<p>19" 1U HD Patch Panel 48-Port, gray, empty</p> <p>■ R512416</p>
 <p>090.6107</p>	<p>19" 1U HD Patch Panel 48-Port, black, empty</p> <p>■ R512721</p>	 <p>090.6114</p>	<p>19" 1U HD Basic Patch Panel 48-Port, black, empty</p> <p>■ R512726</p>
 <p>090.6878</p>	<p>Connection Module Holder HD, 4x 6-port/u, Cat.5/6, gray</p> <p>▲ R809339</p>	 <p>090.6877</p>	<p>Connection Module Holder HD, 4x 6-port/s, Cat.5/6, black</p> <p>▲ R809341</p>
 <p>090.3109</p>	<p>19" 2U Global Patch Panel 48xRJ45/u, Cat.6, fully populated</p> <p>■ R505718</p>	 <p>090.3103</p>	<p>19" 2U Global Patch Panel 48-Port/u, empty</p> <p>■ R503805</p>

Module compatibility reference:

- Cat.6, 1xRJ45/u
- Cat.6, 1xRJ45/u, Snap-in
- ▲ Cat.6, 1xRJ45/u, Special
- ◆ Cat.6, 1xRJ45/u, Keystone

19" PANELS



Connection Module Holder 2U Global/u

● **R504610**



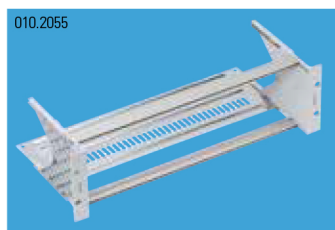
19" 3U Global Patch Panel 48xRJ45/u, Cat.6, partly populated

R302361



19" 3U Global Patch Panel 60xRJ45/u, Cat.6, fully populated

R302363



19" 3U Global Patch Panel 60-Port/u, empty

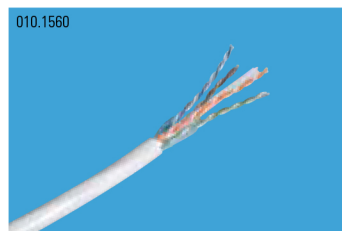
R35409



Connection Module Holder 3U Global/u, 1 GU

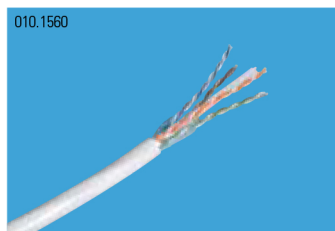
● **R35403**

INSTALLATION CABLES



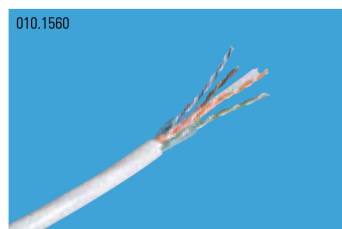
Installation Cable Cat.6, U/UTP, 4P, 250 MHz, PVC, 305 m

R809797



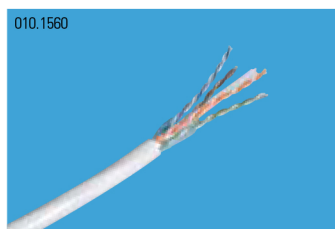
Installation Cable Cat.6, U/UTP, 4P, 250 MHz, LSZH, 305 m

R809796



Installation Cable Cat.6, U/UTP, 4P, 450 MHz, PVC, 500 m

R35056




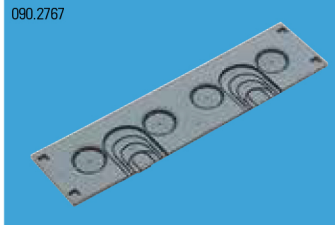
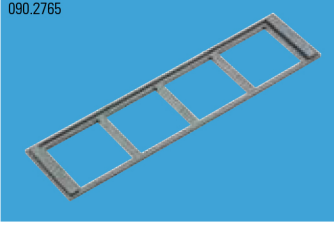
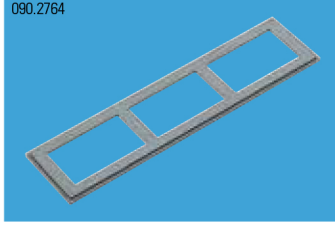
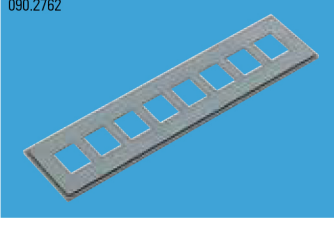

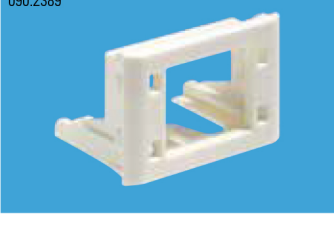


Installation Cable Cat.6, U/UTP, 4P, 450 MHz, LSZH, 500 m

R35057

Module compatibility reference:

- Cat.6, 1xRJ45/u
- Cat.6, 1xRJ45/u, Snap-in
- ▲ Cat.6, 1xRJ45/u, Special
- ◆ Cat.6, 1xRJ45/u, Keystone

CONSOLIDATION POINTS

 <p>090.2755</p>	<p>U-Box Housing, empty</p> <p>R450551</p>	 <p>090.2767</p>	<p>U-Box Faceplate Cable Entry</p> <p>R450606</p>
 <p>090.2765</p>	<p>U-Box Faceplate 4x45x45</p> <p>R450600</p>	 <p>090.2764</p>	<p>U-Box Faceplate 3xFLF</p> <p>R450601</p>
 <p>090.2762</p>	<p>U-Box Faceplate 8xRJ45 Snap-in</p> <p>R450602</p>	 <p>010.2484</p>	<p>FB COMBIbox 6xRJ45, empty</p> <p>R450650</p>
 <p>090.2389</p>	<p>Module Holder RJ45 / E-2000™ Compact / SC-RJ / Universal Adapter, white</p> <p>R307832</p>	 <p>090.6504</p>	<p>INTERbox 6xRJ45, empty</p> <p>R307818</p>
 <p>090.5815</p>	<p>Raised Floor Box, metal, 179.5x550x580 mm</p> <p>R512692</p>		

Module compatibility reference:

- Cat.6, 1xRJ45/u
- Cat.6, 1xRJ45/u, Snap-in
- ▲ Cat.6, 1xRJ45/u, Special
- ◆ Cat.6, 1xRJ45/u, Keystone

CP CABLES



CP Cable Cat.6, U/UTP, 4P, LSZH, RJ45/u-RJ45/u

- R307089** 7.5 m
- R307090** 10.0 m
- R307091** 15.0 m

OUTLETS



090.2086

FM Global Outlet 88x88, 2x1-Port,

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



090.5302

FM Global Outlet 88x88, 3x1-Port,

- **R507877** pure white



010.2902

FM Global Outlet 88x88, 4x1-Port,

- **R305150** pure white



090.2084

WM Global Outlet 80x80, 2x1-Port,

- **R310786** pure white



090.5304

WM Global Outlet 88x88, 3x1-Port,

- **R507880** pure white



090.2085

DM Global Outlet 80x86, 2x1-Port,

- **R310790** pure white



090.2085

DM Global Outlet 80x86, 2x1-Port,

- **R310787** oyster white



090.5303

DM Global Outlet 80x86, 3x1-Port,

- **R507878** pure white



010.2031

DM Global Outlet 80x86, 4x1-Port,

- ▲ **R305151** pure white



090.2882


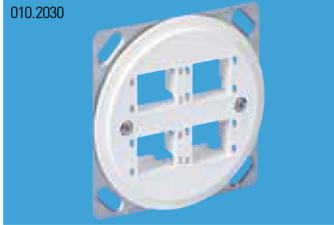

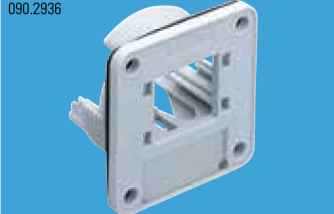
DM Global Outlet 84x84, 2x1-Port,

- **R318205** pure white

Module compatibility reference:

- Cat.6, 1xRJ45/u
- Cat.6, 1xRJ45/u, Snap-in
- ▲ Cat.6, 1xRJ45/u, Special
- ◆ Cat.6, 1xRJ45/u, Keystone

OUTLETS

 <p>090.2093</p>	<p>Mini Surface Mount Box 1-Port,</p> <ul style="list-style-type: none"> ● R303901 white 	 <p>090.6544</p>	<p>Mini Surface Mount Box 2x1-Port,</p> <ul style="list-style-type: none"> ● R804304 pure white
 <p>010.2847</p>	<p>DM Outlet Ø-62.5, 2x1-Port,</p> <ul style="list-style-type: none"> ● R925781 pure white 	 <p>010.2030</p>	<p>DM Outlet Ø-62.5, 4x1-Port,</p> <ul style="list-style-type: none"> ▲ R305012 pure white
 <p>010.2575</p>	<p>Mounting Plate 22.5x45, 1-Port,</p> <ul style="list-style-type: none"> ● R307835 white ● R307837 black 	 <p>090.3189</p>	<p>Mounting Plate 45x45, 2x1-Port,</p> <ul style="list-style-type: none"> ● R313330 pure white ● R313333 jet black
 <p>090.3191</p>	<p>Angled Mounting Plate 45x45, 1-Port,</p> <ul style="list-style-type: none"> ● R506663 pure white 	 <p>090.3190</p>	<p>Angled Mounting Plate 45x45, 2x1-Port,</p> <ul style="list-style-type: none"> ● R313332 pure white ● R313331 jet black
 <p>010.2265</p>	<p>FM Connection Box Splash Line IP54, 87x87, 1x1-Port,</p> <ul style="list-style-type: none"> ● R307037 white 	 <p>010.2266</p>	<p>FM Connection Box Splash Line IP54, 87x87, 2x1-Port,</p> <ul style="list-style-type: none"> ● R307036 white
 <p>010.2263</p>	<p>SM Connection Box Splash Line IP54, 87x87, 1x1-Port,</p> <ul style="list-style-type: none"> ● R307038 white 	 <p>010.2264</p>	<p>SM Connection Box Splash Line IP54, 87x87, 2x1-Port,</p> <ul style="list-style-type: none"> ● R307039 white
 <p>090.2936</p>	<p>Mounting Frame IP54,</p> <ul style="list-style-type: none"> ● R313733 		

Module compatibility reference:

- Cat.6, 1xRJ45/u
- Cat.6, 1xRJ45/u, Snap-in
- ▲ Cat.6, 1xRJ45/u, Special
- ◆ Cat.6, 1xRJ45/u, Keystone

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/u

■ Cat.6, 1xRJ45/u, Snap-in

▲ Cat.6, 1xRJ45/u, Special

◆ Cat.6, 1xRJ45/u, Keystone