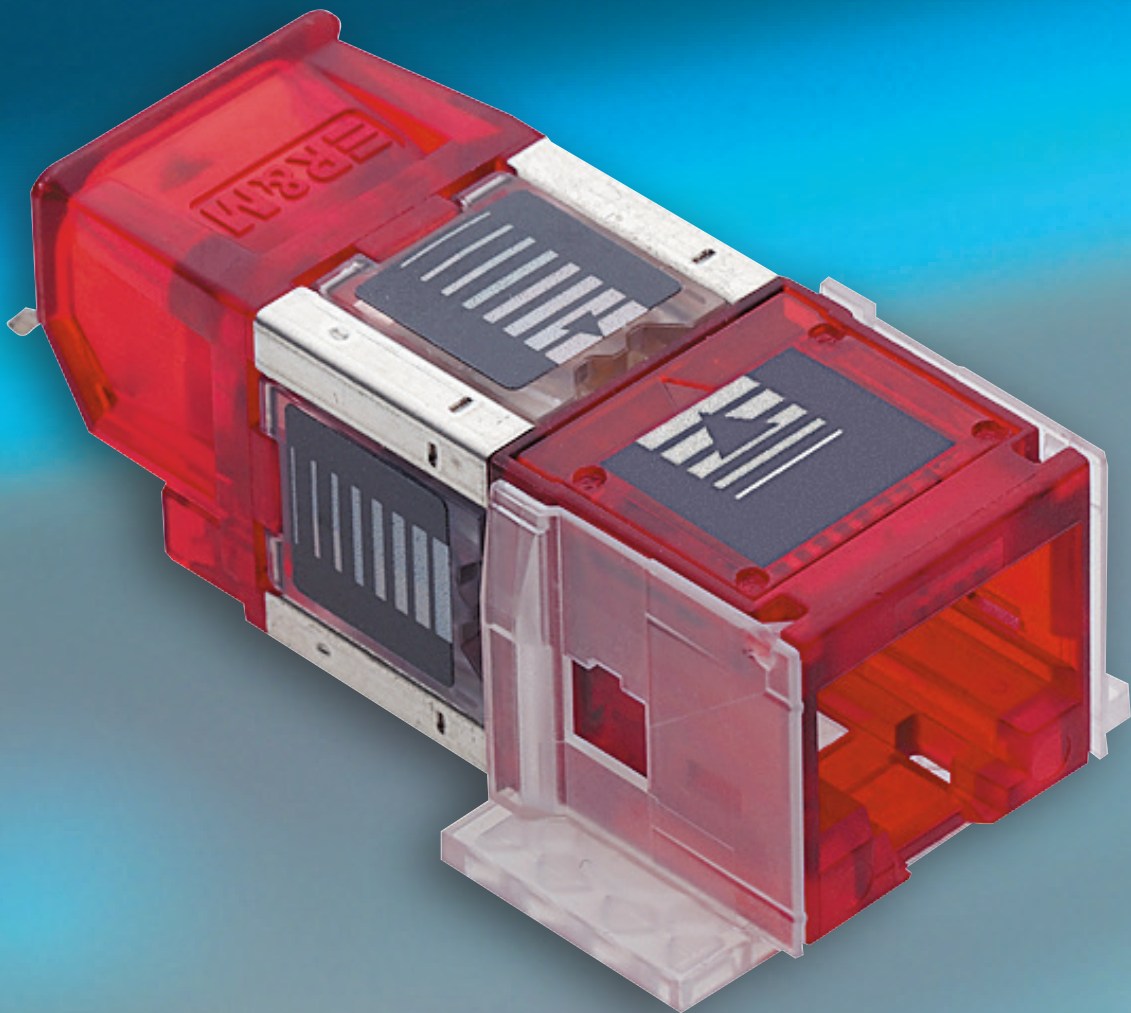


Quickreference: Cat.6_A / Class E_A unshielded

Horizontal floor cabling subsystem
with unshielded twisted pair technology



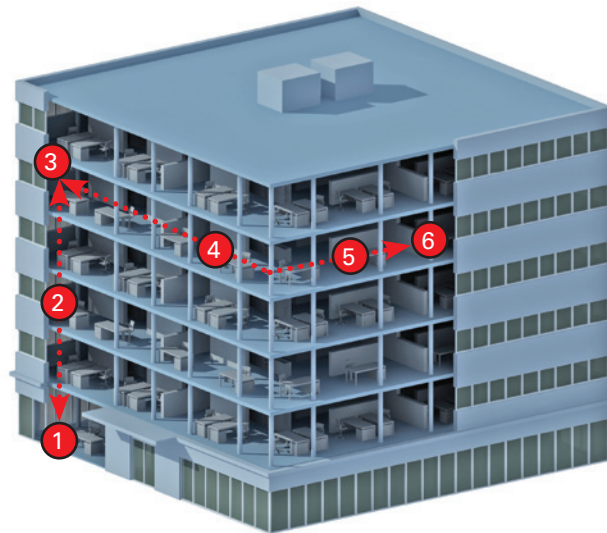
Version: December 2015



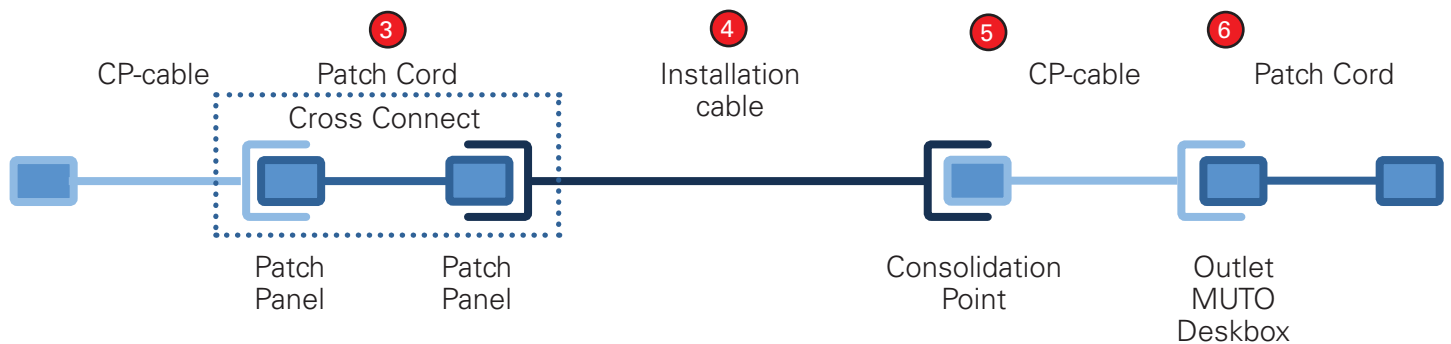
Convincing cabling solutions

SYSTEM OVERVIEW

The unshielded Cat.6_A / Class E_A product line with especially high performance reserve is intended for generic cabling systems for applications up to 10 GBit/u with increased requirements. It is best suited for mid-sized installations with high data volume in demanding environments and with highest availability.



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



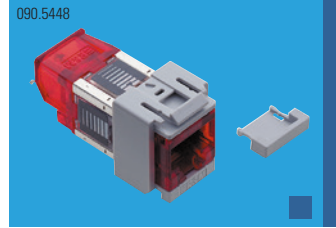
Cabling Structure	Generic cabling system with up to 4 connectors
Channel Performance	Class E _A acc. ISO/IEC 11801 / EN 50173
PL Performance	Class E _A acc. ISO/IEC 11801 / EN 50173
Connectivity	RJ45 Cat.6 _A /u acc. IEC 60603-7-51

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

RJ45 MODULE

Connection Module Cat.6_A ISO,
1xRJ45/u

R509500 10x
R509501 100x



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

R509502 10x
R509503 100x



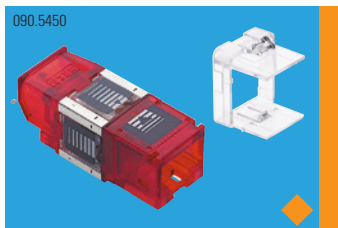
Connection Module Cat.6_A ISO,
1xRJ45/u, Snap-in, black

R511998 24x



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

R809326 10x
R510087 100x



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

R509508 10x



Connection Module Cat.6_A ISO,
1xRJ45/u, adapter No.1

R808370 10x

PATCHCORDS

Patch Cord Cat.6_A ISO, S/FTP, 4P,
LSFRZH, gray, RJ45/u-RJ45/u

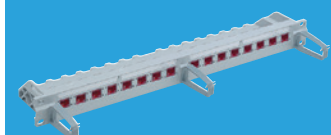
R509869 0.5m
R509870 1.0m
R509871 1.5m
R509872 2.0m
R509873 3.0m
R509874 5.0m
R509875 7.5m
R509876 10.0m
R509877 12.5m
R509878 15.0m
R509879 20.0m

Module compatibility reference:

- Cat.6_A ISO, 1xRJ45/u
- Cat.6_A ISO, 1xRJ45/u, Snap-in
- ▲ Cat.6_A ISO, 1xRJ45/u, Special
- ◆ Cat.6_A ISO, 1xRJ45/u, Keystone
- ★ Cat.6_A ISO, 1xRJ45/u, adapter No.1

19" PANELS

090.5363

19" 1U Patch Panel 16xRJ45/u,
Cat.6_A ISO, fully populated

R509881

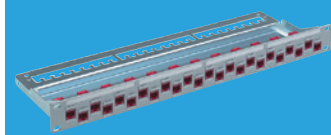
010.2180



19" 1U Patch Panel 16-Port/u, empty

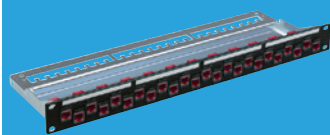
● R305890

090.5364

19" 1U ST Patch Panel 24xRJ45/u,
Cat.6_A ISO, gray, fully populated

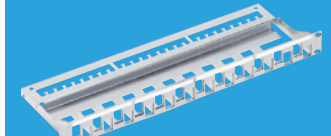
R509883

090.6290

19" 1U ST Patch Panel 24xRJ45/u,
Cat.6_A ISO, black, fully populated

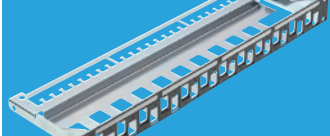
R514694

010.2067

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

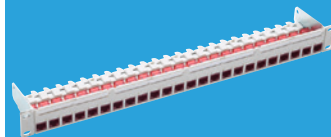
■ R305119

090.5808

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

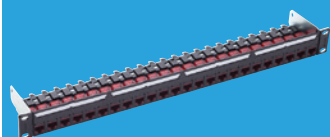
■ R511996

090.7196

19" 1U PC Patch Panel 24xRJ45/u,
Cat.6_A ISO, gray, fully populated

R813494

090.7194

19" 1U PC Patch Panel 24xRJ45/u,
Cat.6_A ISO, black, fully populated

R813492

090.7192

19" 1U PC Patch Panel 24-Port /u,
gray, empty

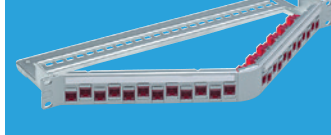
▲ R813486

090.7191

19" 1U PC Patch Panel 24-Port /u,
black, empty

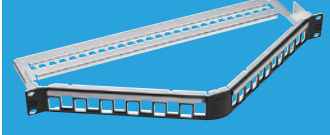
▲ R813484

090.5366

19" 1U Angled Patch Panel 24xRJ45/u,
Cat.6_A ISO, Snap-in, gray, fully
populated

R509885

090.6142

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

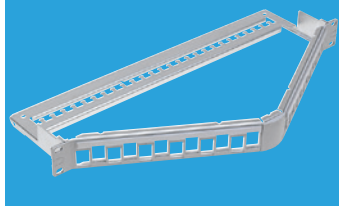
■ R511997

Module compatibility reference:

- Cat.6_A ISO, 1xRJ45/u
- Cat.6_A ISO, 1xRJ45/u, Snap-in
- ▲ Cat.6_A ISO, 1xRJ45/u, Special
- ◆ Cat.6_A ISO, 1xRJ45/u, Keystone
- ★ Cat.6_A ISO, 1xRJ45/u, adapter No.1

19" PANELS

090.5051

19" 1U Angled Patch Panel 24-Port,
gray, empty■ **R506796**

090.6123

19" 1U HD Basic Patch Panel
24xRJ45/u, Cat.6_A ISO, gray,
fully populated**R512425**

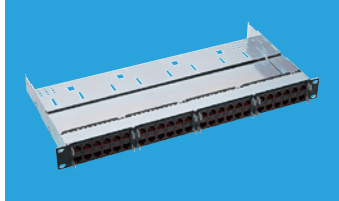
090.6119

19" 1U HD Basic Patch Panel
24xRJ45/u, Cat.6_A ISO, black,
fully populated**R512730**

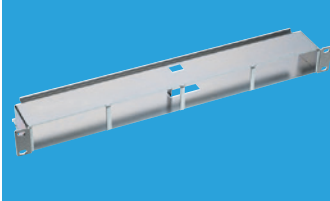
090.6126

19" 1U HD Basic Patch Panel
48xRJ45/u, Cat.6_A ISO, gray,
fully populated**R512423**

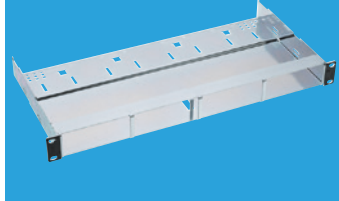
090.6112

19" 1U HD Basic Patch Panel
48xRJ45/u, Cat.6_A ISO, black,
fully populated**R512723**

090.6121

19" 1U HD Patch Panel 48-Port,
gray, empty**R512421**

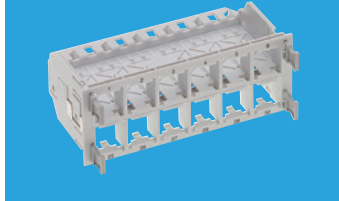
090.6107

19" 1U HD Patch Panel 48-Port,
black, empty**R512721**

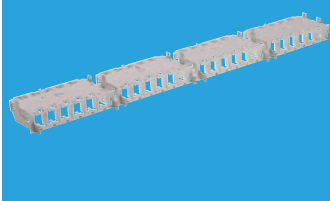
090.6130

Connection Module Holder HD,
4x 6-port/u, Cat.6_A ISO
with blind element, gray▲ **R512427**

090.6129

Connection Module Holder HD,
4x 12-port/u, Cat.6_A ISO, gray▲ **R512426**

090.6145



Upgrade Kit HD to 48-port/u, gray

R512431

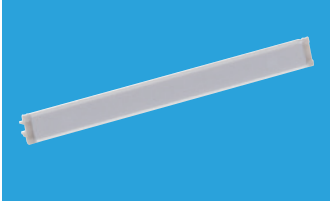
090.6134



Blind Cover HD, gray

R802922

090.6141



Label Holder HD

R512430**Module compatibility reference:**

- Cat.6_A ISO, 1xRJ45/u
- Cat.6_A ISO, 1xRJ45/u, Snap-in
- ▲ Cat.6_A ISO, 1xRJ45/u, Special
- ◆ Cat.6_A ISO, 1xRJ45/u, Keystone
- ★ Cat.6_A ISO, 1xRJ45/u, adapter No.1

19" PANELS

090.6137



Connection Module Holder HD,
4x 6-port/u, Cat.6_A ISO
with blind element, black

▲ R512732

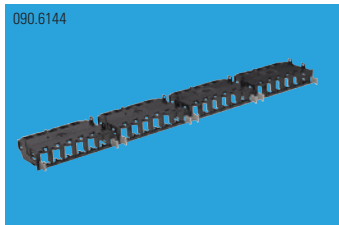
090.6136



Connection Module Holder HD,
4x 12-port/u, Cat.6A ISO, black

▲ R512731

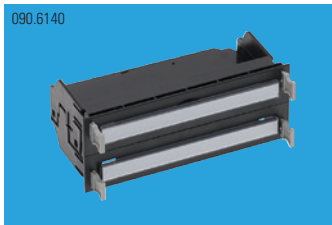
090.6144



Upgrade Kit HD to 48-port/u, black

R512736

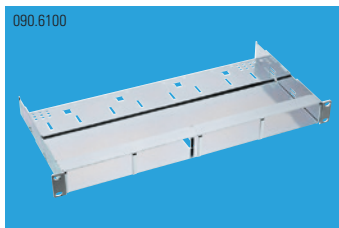
090.6140



Blind Cover HD, black

R802923

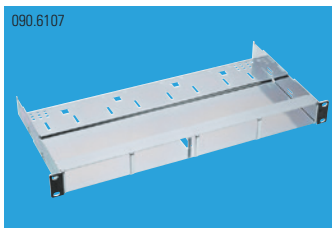
090.6100



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

R512416

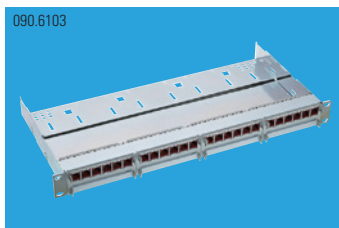
090.6107



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

R512721

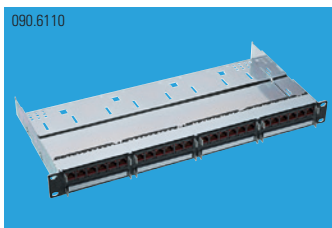
090.6103



19" 1U HD Patch Panel 24xRJ45/u,
Cat.6_A ISO, gray, fully populated

R512420

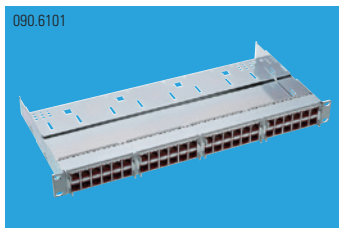
090.6110



19" 1U HD Patch Panel 24xRJ45/u,
Cat.6_A ISO, black, fully populated

R512725

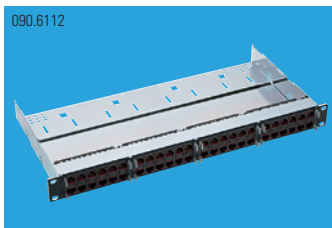
090.6101



19" 1U HD Patch Panel 48xRJ45/u,
Cat.6_A ISO, gray, fully populated

R512418

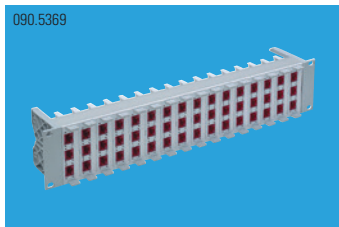
090.6112



19" 1U HD Patch Panel 48xRJ45/u,
Cat.6_A ISO, black, fully populated

R512723

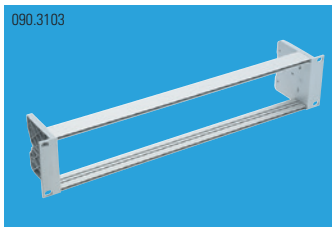
090.5369



19" 2U Global Patch Panel 48xRJ45/u,
Cat.6_A ISO, fully populated

R509887

090.3103



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

R503805



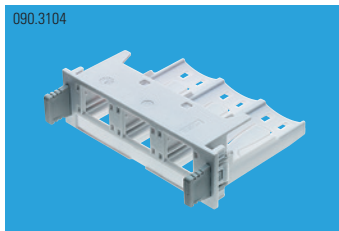
for more information, see the R&M catalogue, www.rdm.com

Module compatibility reference:

- Cat.6_A ISO, 1xRJ45/u
- Cat.6_A ISO, 1xRJ45/u, Snap-in
- ▲ Cat.6_A ISO, 1xRJ45/u, Special
- ◆ Cat.6_A ISO, 1xRJ45/u, Keystone
- ★ Cat.6_A ISO, 1xRJ45/u, adapter No.1

19" PANELS

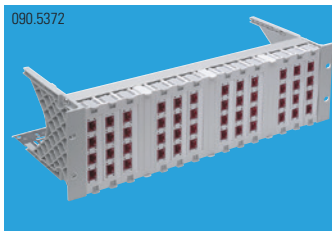
090.3104



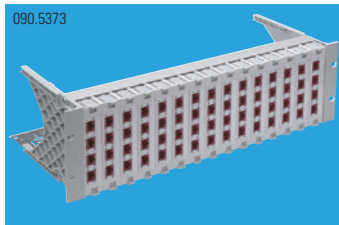
Connection Module Holder 2U Global/u

● **R504610**

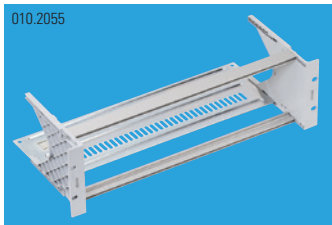
090.5372

19" 3U Global Patch Panel 48xRJ45/u,
Cat.6_A ISO, partly populated**R509889**

090.5373

19" 3U Global Patch Panel 60xRJ45/u,
Cat.6_A ISO, fully populated**R509891**

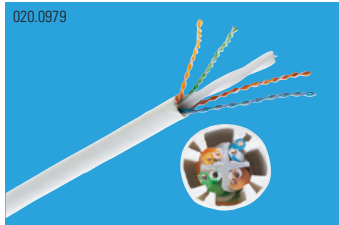
010.2055

19" 3U Global Patch Panel 60-Port/u,
empty**R35409**

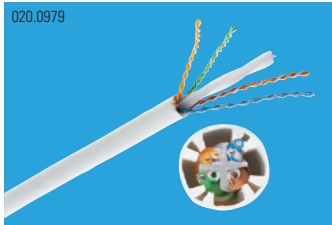
010.1181

Connection Module Holder 3U
Global/u, 1 GU● **R35403****INSTALLATION CABLES**

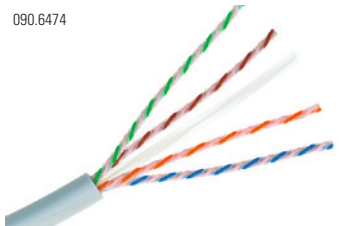
020.0979

Installation Cable Real10 Cat.6_A,
U/UTP, 4P, 650 MHz, PVC, Ø 9.0mm,
305 m**R504252**

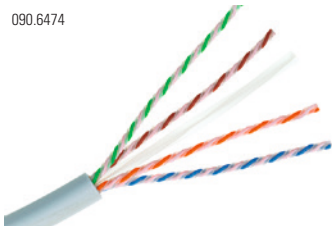
020.0979

Installation Cable Real10 Cat.6_A,
U/UTP, 4P, 650 MHz, LSZH, Ø 9.0mm,
305 m**R504237**

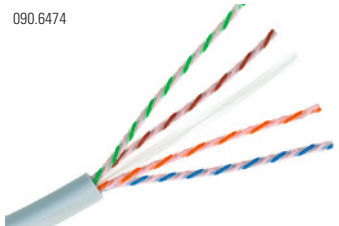
090.6474

Installation Cable Real10 Cat.6_A,
U/UTP, 4P, 650 MHz, LSZH, Ø 8.8mm,
500 m**R808400**

090.6474

Installation Cable Real10 Cat.6_A,
U/UTP, 4P, 650 MHz, PVC, Ø 7.0mm,
WARP, 500 m**R804268**

090.6474

Installation Cable Real10 Cat.6_A,
U/UTP, 4P, 650 MHz, LSZH, Ø 7.0mm,
WARP, 500 m**R804269****Module compatibility reference:**

- Cat.6_A ISO, 1xRJ45/u
- Cat.6_A ISO, 1xRJ45/u, Snap-in
- ▲ Cat.6_A ISO, 1xRJ45/u, Special
- ◆ Cat.6_A ISO, 1xRJ45/u, Keystone
- ★ Cat.6_A ISO, 1xRJ45/u, adapter No.1

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

CONSOLIDATION POINTS

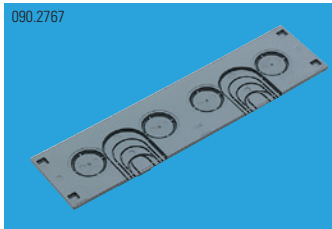
090.2755



U-Box Housing, empty

R450551

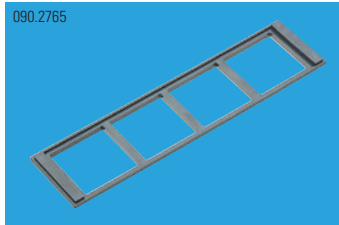
090.2767



U-Box Faceplate Cable Entry

R450606

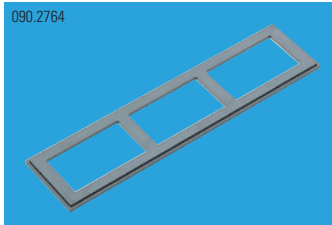
090.2765



U-Box Faceplate 4x45x45

R450600

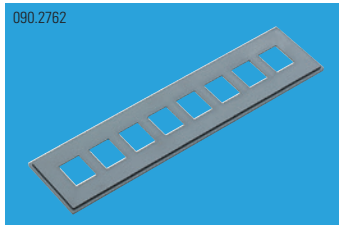
090.2764



U-Box Faceplate 3xFLF

R450601

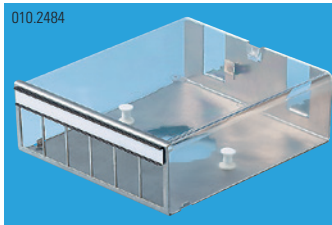
090.2762



U-Box Faceplate 8xRJ45 Snap-in

 **R450602**

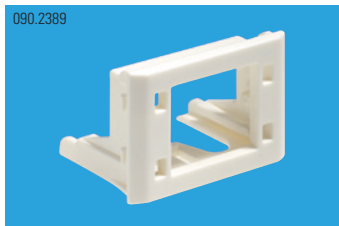
010.2484



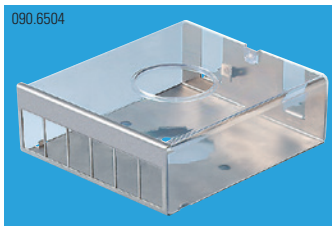
FB COMBIbox 6xRJ45, empty

R450650

090.2389

Module Holder RJ45 / E-2000™-
Compact / SC-RJ / Universal Adapter,
white**R307832**

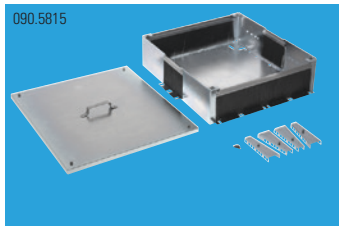
090.6504



INTERbox 6xRJ45, empty

R307818

090.5815

Raised Floor Box, metal,
179.5x550x580 mm**R512692**for more information, see the R&M catalogue, www.rdm.com**Module compatibility reference:**

-  Cat.6_A ISO, 1xRJ45/u
-  Cat.6_A ISO, 1xRJ45/u, Snap-in
-  Cat.6_A ISO, 1xRJ45/u, Special
-  Cat.6_A ISO, 1xRJ45/u, Keystone
-  Cat.6_A ISO, 1xRJ45/u, adapter No.1

CP CABLES

090.6324



CP Cable Cat.6A ISO, S/FTP, 4P,
LSFRZH, RJ45/u-RJ45/u,

R803721 7.5 m
R802415 10.0 m
R802418 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

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

090.2082



DM Global Outlet 84x84, 2x1-Port,

● **R318205** pure white

090.2093



Mini Surface Mount Box 1-Port,

● **R303901** white

090.6544



Mini Surface Mount Box 2x1-Port,

● **R804304** pure white

Module compatibility reference:

- Cat.6_A ISO, 1xRJ45/u
- Cat.6_A ISO, 1xRJ45/u, Snap-in
- ▲ Cat.6_A ISO, 1xRJ45/u, Special
- ◆ Cat.6_A ISO, 1xRJ45/u, Keystone
- ★ Cat.6_A ISO, 1xRJ45/u, adapter No.1

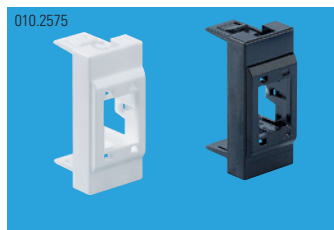


for more information, see the R&M catalogue, www.rdm.com

OUTLETS

DM Outlet Ø-62.5, 2x1-Port,

● **R925781** **pure white**



Mounting Plate 22.5x45, 1-Port,

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



Mounting Plate 45x45, 2x1-Port,

● **R313330** **pure white**
● **R313333** **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**

COUNTRY SPECIFIC OUTLETS

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



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

Module compatibility reference:

- Cat.6_A ISO, 1xRJ45/u
- Cat.6_A ISO, 1xRJ45/u, Snap-in
- ▲ Cat.6_A ISO, 1xRJ45/u, Special
- ◆ Cat.6_A ISO, 1xRJ45/u, Keystone
- ★ Cat.6_A ISO, 1xRJ45/u, adapter No.1

MUTO

010.2855



Compact Housing 220x110, 3x2-Port,

● **R308971** pure white

090.7399



GOP Box empty

● **R820817**

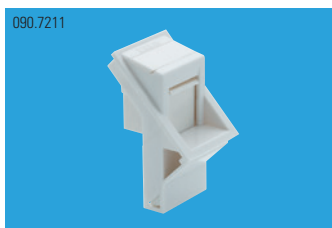
090.7325



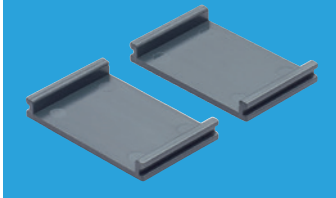
GOP mounting plate

● **R815249**

090.7211

LJU6C Insert for Cat.6_A and Cat.6_A EL▲ **R813805**

090.7326



GOP Blind cover set

● **R814620****DESKBOX**

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

i See quickreference Security

090.2460



R&M IP Protection IP54. IP67

Divers

i See quickreference IP Protection

Module compatibility reference:

- Cat.6_A ISO, 1xRJ45/u
- Cat.6_A ISO, 1xRJ45/u, Snap-in
- ▲ Cat.6_A ISO, 1xRJ45/u, Special
- ◆ Cat.6_A ISO, 1xRJ45/u, Keystone
- ★ Cat.6_A ISO, 1xRJ45/u, adapter No.1