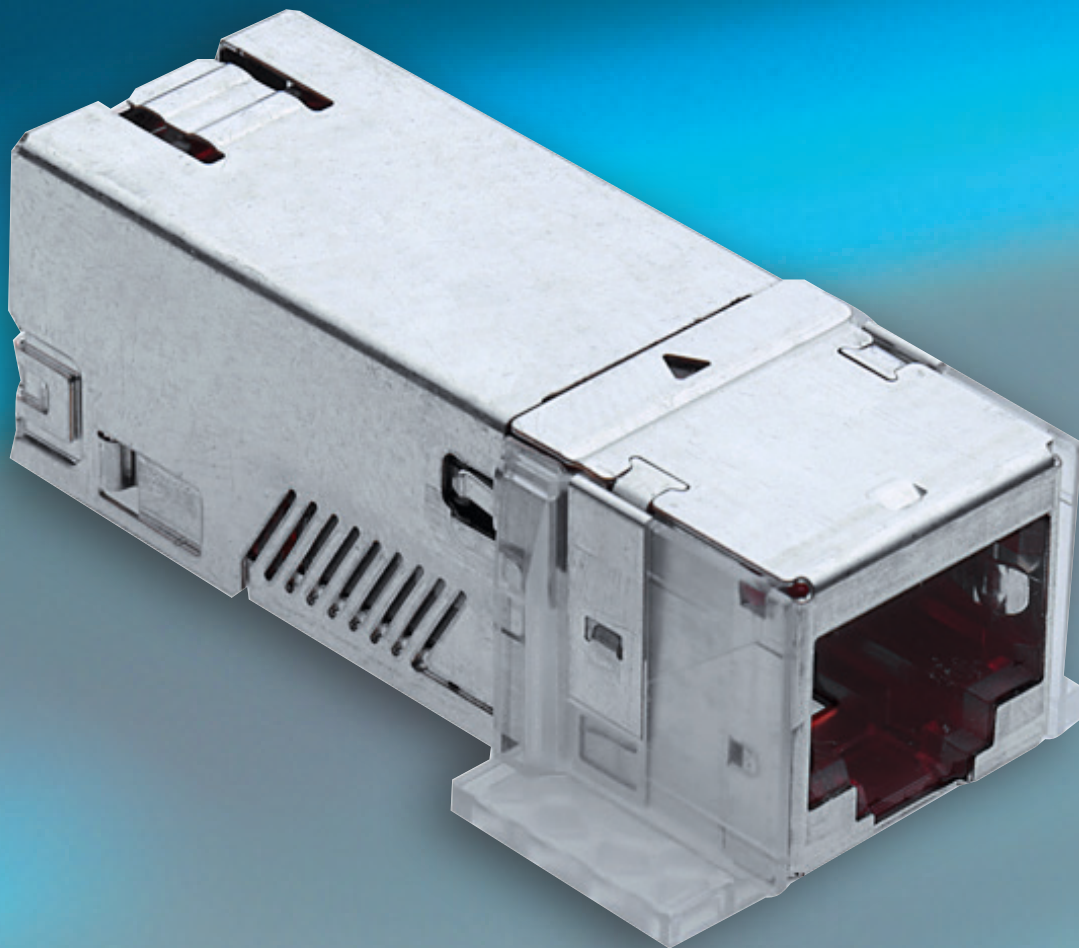


Quickreference: Cat.6_A / Class E_A shielded

Horizontal floor cabling subsystem
with shielded twisted pair technology



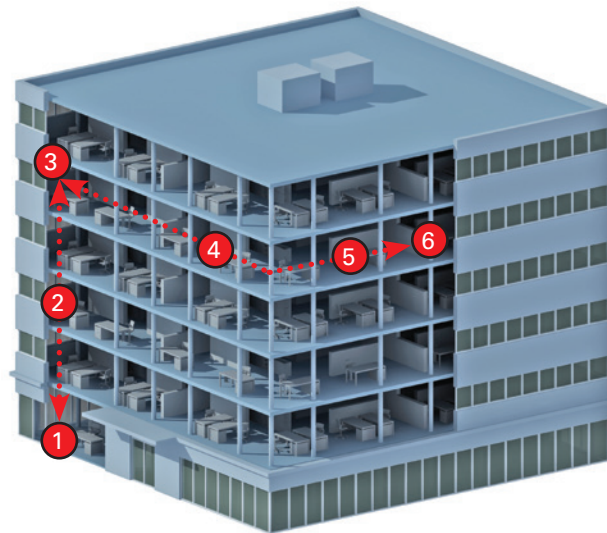
Version: December 2015



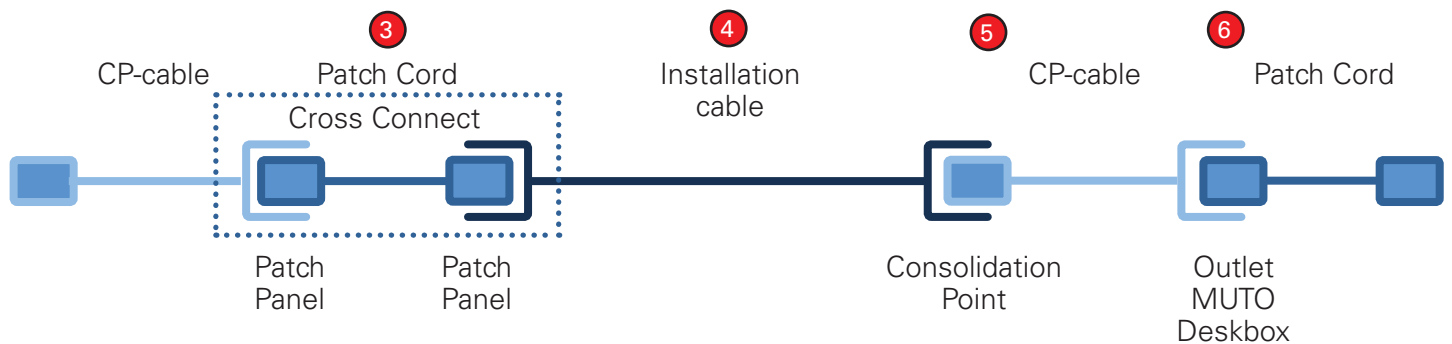
Convincing cabling solutions

SYSTEM OVERVIEW

The shielded Cat.6_A / Class E_A product line with especially high performance reserves is intended for generic cabling systems for applications up to 10 GBit/s with increased requirements and improved protection against external disturbances (EMC). It is best suited for large-sized installations with high data volume in demanding environments and with highest availability needs.



- 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 /s 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	Yes
Garantie System	25 Years

RJ45 MODULE

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

R509504 **10x**
R509505 **100x**



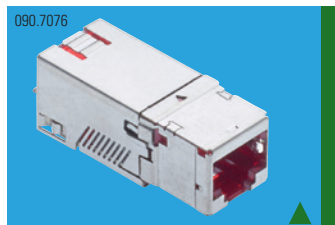
Connection Module Cat.6_A ISO,
1xRJ45/s, Snap-in

R509506 **10x**
R509507 **100x**



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

R511999 **24x**



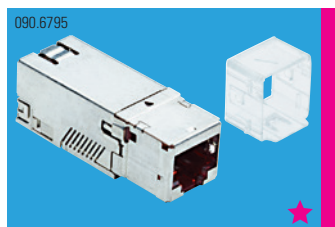
Connection Module Cat.6_A ISO,
1xRJ45/s, Special

R803927 **10x**
R510088 **100x**



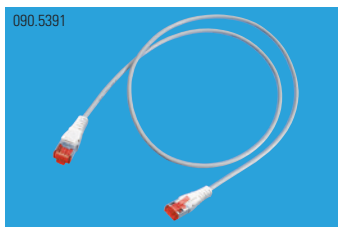
Connection Module Cat.6_A ISO,
1xRJ45/s, Keystone

R509509 **10x**



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

R808370 **10x**

PATCHCORDS

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

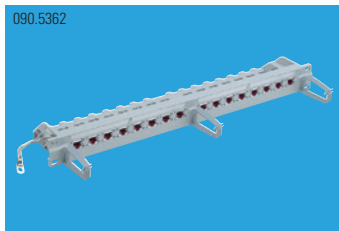
R509857 **0.5m**
R509858 **1.0m**
R509860 **1.5m**
R509861 **2.0m**
R509862 **3.0m**
R509863 **5.0m**
R509864 **7.5m**
R509865 **10.0m**
R509866 **12.5m**
R509867 **15.0m**
R509868 **20.0m**

Module compatibility reference:

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

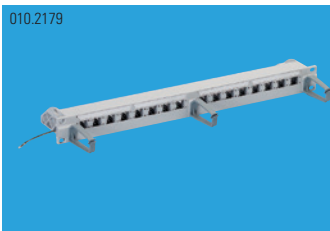
19" PANELS

090.5362

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

R509880

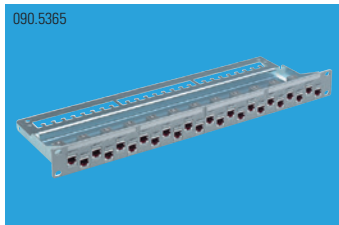
010.2179



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

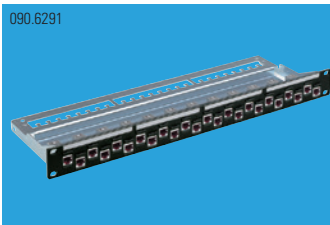
● R305889

090.5365

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

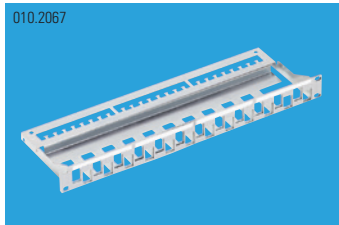
R509882

090.6291

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

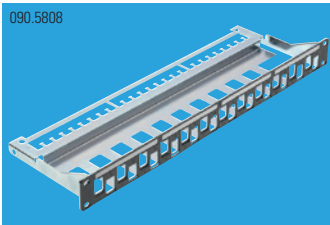
R514693

010.2067

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

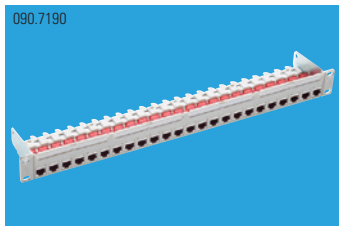
■ R305119

090.5808

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

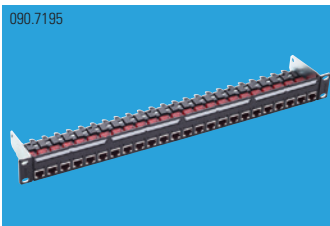
■ R511996

090.7190

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

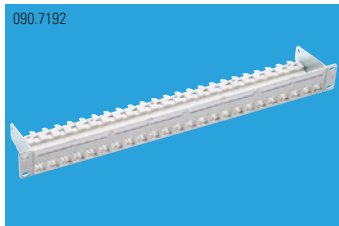
R813493

090.7195

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

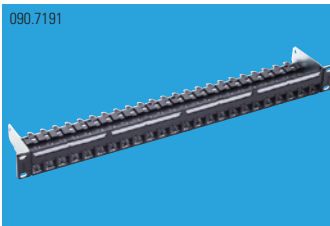
R813491

090.7192

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

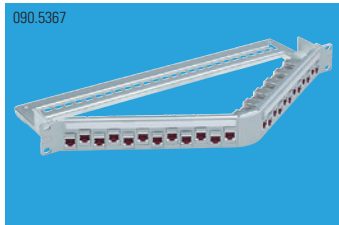
▲ R813485

090.7191

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

▲ R813483

090.5367

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

R509884

090.6293

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

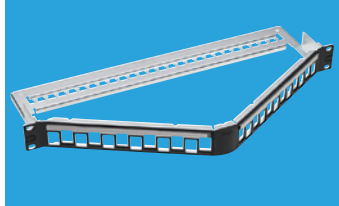
R803922

Module compatibility reference:

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

19" PANELS

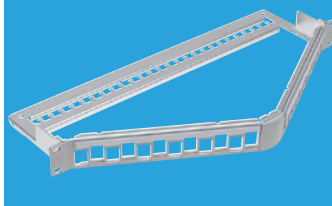
090.6142



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

■ **R511997**

090.5051



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

■ **R506796**

090.6122



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

R512424

090.6120



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

R512729

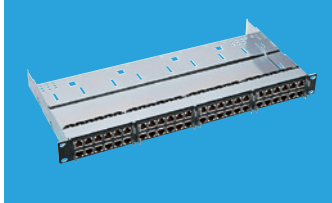
090.6125



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

R512422

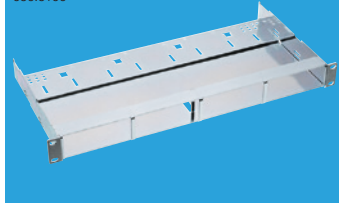
090.6113



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

R512722

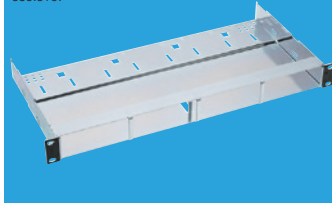
090.6100



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

R512416

090.6107



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

R512721

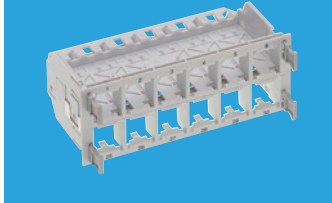
090.6130



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

▲ **R512427**

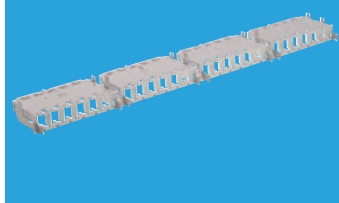
090.6129



Connection Module Holder HD,
4x 12-port/s, Cat.6_A ISO, gray

▲ **R512426**

090.6145



Upgrade Kit HD to 48-port/s, gray

R512431

090.6134



Blind Cover HD, gray

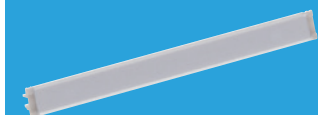
R802922

Module compatibility reference:

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

19" PANELS

090.6141



Label Holder HD

R512430

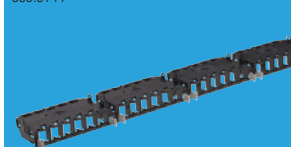
090.6137

Connection Module Holder HD,
4x 6-port/s, Cat.6_A ISO
with blind element, black**▲ R512732**

090.6136

Connection Module Holder HD,
4x 12-port/s, Cat.6A ISO, black**▲ R512731**

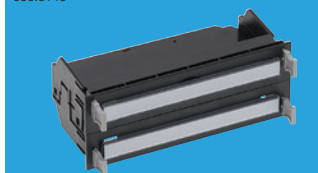
090.6144



Upgrade Kit HD to 48-port/s, black

R512736

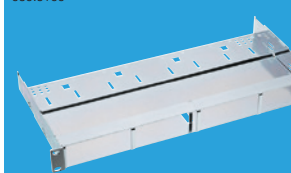
090.6140



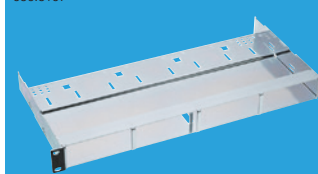
Blind Cover HD, black

R802923

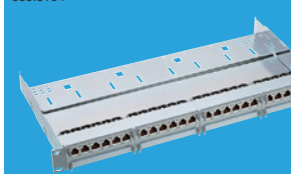
090.6100

19" 1U HD Patch Panel 48-Port,
gray, empty**R512416**

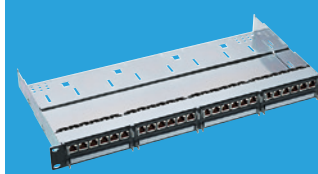
090.6107

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

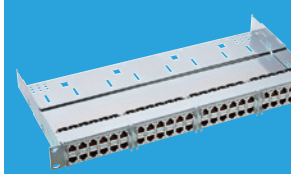
090.6104

19" 1U HD Patch Panel 24xRJ45/s,
Cat.6_A ISO, gray, fully populated**R512419**

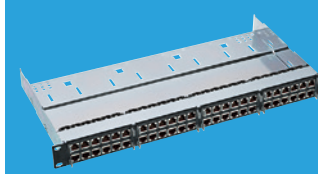
090.6111

19" 1U HD Patch Panel 24xRJ45/s,
Cat.6_A ISO, black, fully populated**R512724**

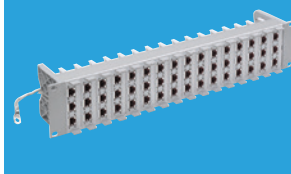
090.6102

19" 1U HD Patch Panel 48xRJ45/s,
Cat.6_A ISO, gray, fully populated**R512417**

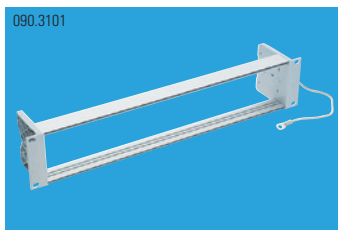
090.6113

19" 1U HD Patch Panel 48xRJ45/s,
Cat.6_A ISO, black, fully populated**R512722**

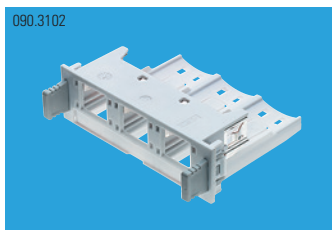
090.5369

19" 2U Global Patch Panel 48xRJ45/s,
Cat.6_A ISO, fully populated**R509886**for more information, see the R&M catalogue, www.rdm.com**Module compatibility reference:**

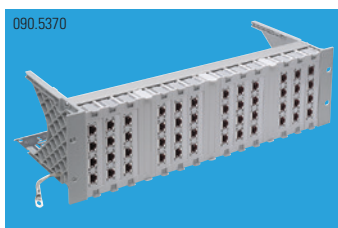
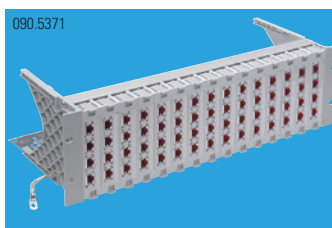
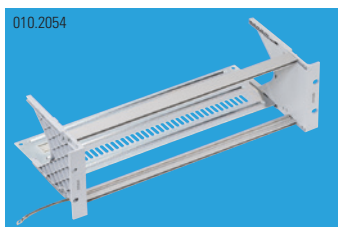
- Cat.6_A ISO, 1xRJ45/s
- Cat.6_A ISO, 1xRJ45/s, Snap-in
- ▲ Cat.6_A ISO, 1xRJ45/s, Special
- ◆ Cat.6_A ISO, 1xRJ45/s, Keystone
- ★ Cat.6_A ISO, 1xRJ45/s, adapter No.1

19" PANELS

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

R503806

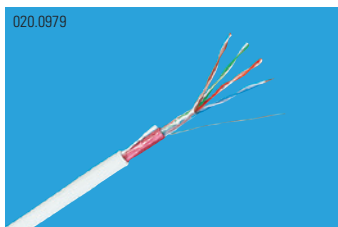
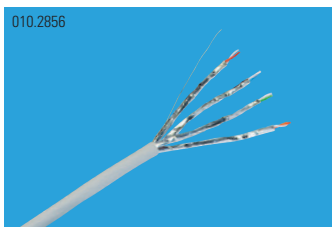
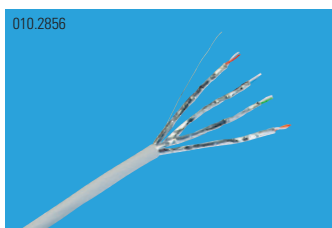
Connection Module Holder 2U Global/s

R50381319" 3U Global Patch Panel 48xRJ45/s, Cat.6_A ISO, partly populated**R509888**19" 3U Global Patch Panel 60xRJ45/s, Cat.6_A ISO, fully populated**R509890**

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

R35408

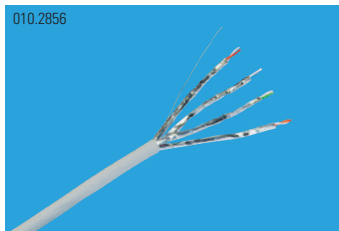
Connection Module Holder 3U Global/s, 1 GU

R35402**INSTALLATION CABLES**Installation Cable Cat.6_A, F/UTP, 4P, 500 MHz, LSZH, 500 m**R806969**Installation Cable Real10 Cat.6_A, U/FTP, 4P, 650 MHz, LSZH, 500 m**R308247**Siamese Cable Cat.6_A, U/FTP, 2x4P, 650 MHz, LSZH, 500 m**R309652**Installation Cable Real10 Cat.6_A, U/FTP, 4P, 650 MHz, LSFRZH, 500 m**R813847**Installation Cable Real10 Cat.6_A, S/FTP, 4P, 650 MHz, LSZH, 500 m**R305649**Installation Cable Real10 Cat.6_A, S/FTP, 4P, 650 MHz, LSFRZH, 500 m**R310488****Module compatibility reference:**

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

INSTALLATION CABLES

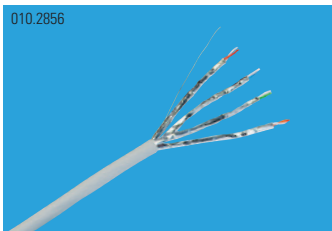
010.2856



Installation Cable Cat.7, F/FTP, 4P,
650 MHz, LSZH, 500 m

R320249

010.2856



Siamese Cable Cat.7, F/FTP, 2x4P,
650 MHz, LSZH, 500 m

R509856

020.0983



Installation Cable Cat.7, S/FTP, 4P,
1000 MHz, LSZH, 500 m

R35257

020.0983



Siamese Cable Cat.7, S/FTP, 2x4P,
1000 MHz, LSZH, 500 m

R35258

020.0983



Installation Cable Cat.7, S/FTP, 4P,
1000 MHz, LSFRZH,

R809799 500m
R809801 1000m

020.0983



Installation Cable Cat.7, S/FTP, 4P,
1000 MHz, LSFRZH, CA+, 500 m

R35060

020.0983



Siamese Cable Cat.7, S/FTP, 2x4P,
1000 MHz, LSFRZH, CA+, 500 m

R35061

020.0983



Installation Cable Real10 Cat.7A,
S/FTP, 4P, 1200 MHz, AWG23, LSZH,

R809800 500m
R809802 1000m

020.0983



Installation Cable Cat.7A, S/FTP, 4P,
1200 MHz, AWG23, LSFRZH, 500 m

R319522

020.0983



Installation Cable Cat.7A, S/FTP, 4P,
1200 MHz, AWG22, LSFRZH, 500 m

R306257

020.0983



Installation Cable Cat.7A, S/FTP, 4P,
1500 MHz, AWG22, LSFRZH, 500 m

R507032

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

Module compatibility reference:

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

CONSOLIDATION POINTS

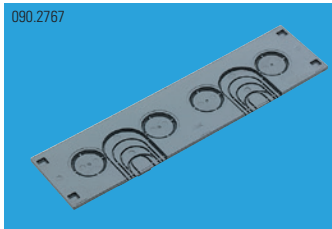
090.2755



U-Box Housing, empty

R450551

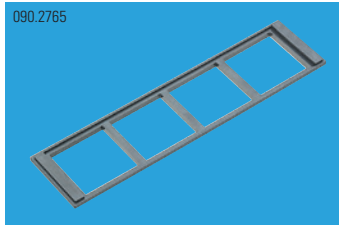
090.2767



U-Box Faceplate Cable Entry

R450606

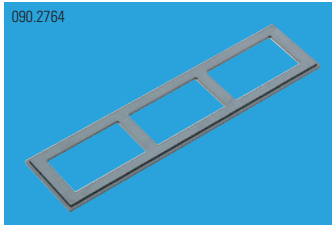
090.2765



U-Box Faceplate 4x45x45

R450600

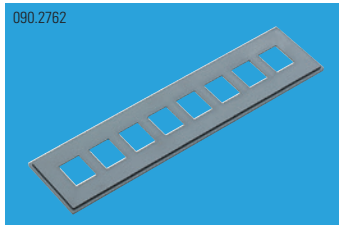
090.2764



U-Box Faceplate 3xFLF

R450601

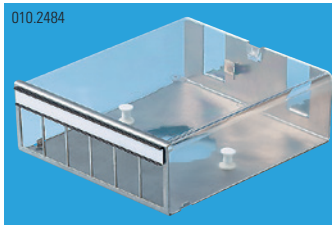
090.2762



U-Box Faceplate 8xRJ45 Snap-in

 **R450602**

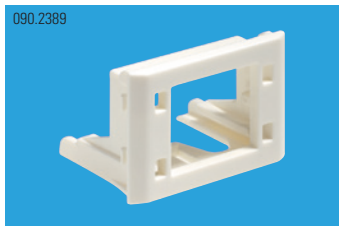
010.2484



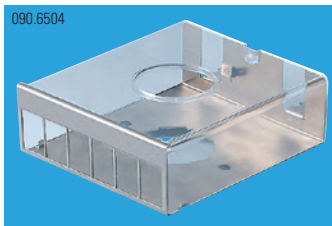
FB COMBIbox 6xRJ45, empty

R450650

090.2389

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

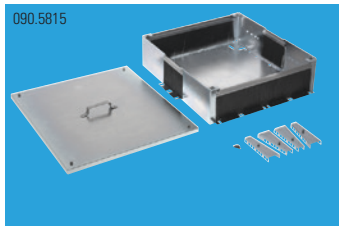
090.6504



INTERbox 6xRJ45, empty

R307818

090.5815

Raised Floor Box, metal,
179.5x550x580 mm**R512692****Module compatibility reference:**

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

CP CABLES

090.6324



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

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

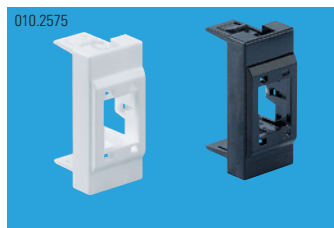


for more information, see the R&M catalogue, www.rdm.com

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

MUTO

010.2855



Compact Housing 220x110, 3x2-Port,

● **R308971** pure white

090.7399



GOP Box empty

● **R820817**

090.7325



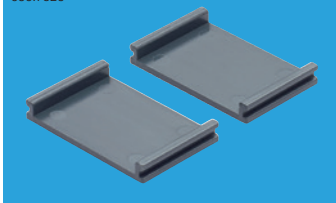
GOP mounting plate

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