Quickreference: Cat.6ₐ EL / Class Eₐ unshielded

Horizontal floor cabling subsystem with unshielded twisted pair technology
The unshielded Cat.6A / Class Ea product line with especially user-friendly “Easy Lock” termination is intended for generic cabling systems for applications up to 10 GBit/s with normal requirements. It is best suited for mid-sized installations with high data volume.

**Cabling Structure**
- Generic cabling system with up to 4 connectors

**Channel Performance**
- Class Ea acc. ISO/IEC 11801 / EN 50173

**PL Performance**
- Class Ea acc. ISO/IEC 11801 / EN 50173

**Connectivity**
- RJ45 Cat.6A, EL /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

<table>
<thead>
<tr>
<th>Connector Type</th>
<th>Module Code</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection Module Cat.6 EL, 1xRJ45/u</td>
<td>R813506</td>
<td>10x</td>
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<td>R813507</td>
<td>100x</td>
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<tr>
<td>Connection Module Cat.6 EL, 1xRJ45/u, Snap-in, black</td>
<td>R813518</td>
<td>10x</td>
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<td></td>
<td>R813519</td>
<td>100x</td>
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<tr>
<td>Connection Module Cat.6 EL, 1xRJ45/u, Special</td>
<td>R813510</td>
<td>10x</td>
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<tr>
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<td>R813511</td>
<td>100x</td>
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<tr>
<td>Connection Module Cat.6 EL, 1xRJ45/u, adapter No.1</td>
<td>R813521</td>
<td>10x</td>
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</table>

## PatchCORDS

<table>
<thead>
<tr>
<th>Patch Cord Type</th>
<th>Module Code</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patch Cord Cat.6 EL, S/FTP, 4P, LSFRZH, gray, RJ45/u-RJ45/u</td>
<td>R509869</td>
<td>0.5m</td>
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<td></td>
<td>R509870</td>
<td>1.0m</td>
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<td></td>
<td>R509871</td>
<td>1.5m</td>
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<td></td>
<td>R509872</td>
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<td>R509873</td>
<td>3.0m</td>
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<td></td>
<td>R509874</td>
<td>5.0m</td>
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<td>R509875</td>
<td>7.5m</td>
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<td></td>
<td>R509876</td>
<td>10.0m</td>
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<td></td>
<td>R509877</td>
<td>12.5m</td>
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<td></td>
<td>R509878</td>
<td>15.0m</td>
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<td>R509879</td>
<td>20.0m</td>
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</tbody>
</table>

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

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**Module compatibility reference:**

- **Cat.6 EL, 1xRJ45/u**
- **Cat.6 EL, 1xRJ45/u, Snap-in**
- **Cat.6 EL, 1xRJ45/u, Special**
- **Cat.6 EL, 1xRJ45/u, Keystone**
- **Cat.6 EL, 1xRJ45/u, adapter No.1**
## 19” Panels

<table>
<thead>
<tr>
<th>Description</th>
<th>Model Number</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>19” 1U Patch Panel 16xRJ45/u, Cat.6a, EL, fully populated</td>
<td>R813523</td>
<td>R813523</td>
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<tr>
<td>19” 1U ST Patch Panel 24-Port, gray, empty</td>
<td>R305119</td>
<td>R305119</td>
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<tr>
<td>19” 1U PC Patch Panel 24xRJ45/u, Cat.6a, EL, gray, fully populated</td>
<td>R813490</td>
<td>R813490</td>
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<tr>
<td>19” 1U PC Patch Panel 24-Port /u, gray, empty</td>
<td>R813486</td>
<td>R813486</td>
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<tr>
<td>19” 1U Angled Patch Panel 24xRJ45/u, Cat.6a, EL, Snap-in, gray, fully populated</td>
<td>R813530</td>
<td>R813530</td>
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<tr>
<td>19” 1U Angled Patch Panel 24-Port, black, empty</td>
<td>R511997</td>
<td>R511997</td>
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<tr>
<td>19” 1U PC Patch Panel 24xRJ45/u, Cat.6a, EL, black, fully populated</td>
<td>R813488</td>
<td>R813488</td>
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<tr>
<td>19” 1U PC Patch Panel 24-Port /u, black, empty</td>
<td>R813484</td>
<td>R813484</td>
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</table>

**Module compatibility reference:**
- Cat.6a, EL, 1xRJ45/u
- Cat.6a, EL, 1xRJ45/u, Snap-in
- Cat.6a, EL, 1xRJ45/u, Special
- Cat.6a, EL, 1xRJ45/u, Keystone
- Cat.6a, EL, adapter No.1

1. For more information, see the R&M catalogue, www.rdm.com
19” PANELS

19” 2U Global Panel, 48xRJ45/u
Cat.6a EL, gray, fully populated
R813534

Connection Module Holder 2U Global/u
R504610

19” 3U Global Panel 60xRJ45/u,
Cat.6a EL, partly populated
R813539

19” 2U Global Patch Panel 48-Port/u,
empty
R503805

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

Connection Module Holder 3U
Global/u, 1 GU
R35403

19” 3U Global Patch Panel 48xRJ45/u,
Cat.6a EL, gray, fully populated
R813534

R813532

R35403

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

- **Installation Cable Cat.6a, U/UTP, 4P, 650 MHz, LSZH, Ø 9.0mm, 305 m**
  - Code: R504252

- **Installation Cable Cat.6a, U/UTP, 4P, 650 MHz, PVC, Ø 9.0mm, 305 m**
  - Code: R504236

- **Installation Cable Cat.6a, U/UTP, 4P, 650 MHz, LSZH, Ø 8.8mm, 500 m**
  - Code: R808400

- **Installation Cable Cat.6a, U/UTP, 4P, 650 MHz, PVC, Ø 7.0mm, WARP, 500 m**
  - Code: R804268

- **Installation Cable Cat.6a, U/UTP, 4P, 650 MHz, LSZH, Ø 7.0mm, WARP, 500 m**
  - Code: R804269

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**Module compatibility reference:**
- Cat.6a EL, 1xRJ45/u
- Cat.6a EL, 1xRJ45/u, Snap-in
- Cat.6a EL, 1xRJ45/u, Special
- Cat.6a EL, 1xRJ45/u, Keystone
- Cat.6a EL, 1xRJ45/u, adapter No.1

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For more information, see the R&M catalogue, www.rdm.com
CP CABLES

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

FM Global Outlet 88x88, 2x1-Port,
- R310788 pure white
- R310789 oyster white

FM Global Outlet 88x88, 3x1-Port,
- R507877 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, 3x1-Port,
- R507878 pure white

Mini Surface Mount Box 1-Port,
- R303901 white

Mini Surface Mount Box 2x1-Port,
- R804304 pure white

Module compatibility reference:
- Cat.6 EL, 1xRJ45/u
- Cat.6 EL, 1xRJ45/u, Snap-in
- Cat.6 EL, 1xRJ45/u, Special
- Cat.6 EL, 1xRJ45/u, Keystone
- Cat.6 EL, 1xRJ45/u, adapter No.1

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

DM Outlet Ø-62.5, 2x1-Port,
- R925781 pure white

Angled Mounting Plate 45x45, 1-Port,
- R833663 signal white

Mounting Plate 45x45, 2x1-Port,
- R833450 signal white
- R833451 jet black

FM Connection Box Splash Line IP54, 87x87, 1x1-Port,
- R307037 white

Angled Mounting Plate 45x45, 2x1-Port,
- R833453 signal white
- R833662 jet black

SM Connection Box Splash Line IP54, 87x87, 1x1-Port,
- R307038 white

FM Connection Box Splash Line IP54, 87x87, 2x1-Port,
- R307036 white

SM Connection Box Splash Line IP54, 87x87, 2x1-Port,
- R307039 white

Version Compatibility Reference:
- Cat.6 EL, 1xRJ45/u
- Cat.6 EL, 1xRJ45/u, Snap-in
- Cat.6 EL, 1xRJ45/u, Special
- Cat.6 EL, 1xRJ45/u, Keystone
- Cat.6 EL, 1xRJ45/u, adapter No.1

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

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