
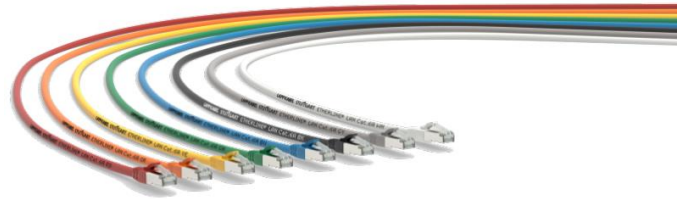


| | | |
|---------------------------|--|---|
| 24441316 | DATA SHEET |  |
| Valid from: 11.12.2020 | ETHERLINE® LAN Cat.6_A Patchcords | |

Description

- Patchcord Cat.6_A, shielded, div. colors
- For Office Area and control cabinet
- Straight RJ45-plug on straight RJ45-plug



General characteristics

| | |
|--------------------------------|--|
| Connection method, connector | RJ45-plug |
| Number of pins | 8 |
| Ambient temperature | -20 to +60 °C (-4°F to 140°F) (storage) 0 to +50 °C (32°F to 122°F) (installation) -20 to +60 °C (-4°F to 140°F) (operation) |
| Degree of protection | IP 20 |
| Shielding | shielded, S/FTP |
| Colour coding (pin assignment) | TIA/EIA-568-A |
| Conformity | RoHS conform REACH conform PWIS free |

| (*L) [m] ↓ | (*C) = BK | (*C) = BU | (*C) = GN | (*C) = GY | (*C) = OR | (*C) = RD | (*C) = WH | (*C) = YE |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0,25 | 24441316 | 24441331 | 24441346 | 24441361 | 24441376 | 24441391 | 24441406 | 24441421 |
| 0,5 | 24441317 | 24441332 | 24441347 | 24441362 | 24441377 | 24441392 | 24441407 | 24441422 |
| 1,0 | 24441318 | 24441333 | 24441348 | 24441363 | 24441378 | 24441393 | 24441408 | 24441423 |
| 1,5 | 24441319 | 24441334 | 24441349 | 24441364 | 24441379 | 24441394 | 24441409 | 24441424 |
| 2,0 | 24441320 | 24441335 | 24441350 | 24441365 | 24441380 | 24441395 | 24441410 | 24441425 |
| 3,0 | 24441321 | 24441336 | 24441351 | 24441366 | 24441381 | 24441396 | 24441411 | 24441426 |
| 5,0 | 24441322 | 24441337 | 24441352 | 24441367 | 24441382 | 24441397 | 24441412 | 24441427 |
| 7,5 | 24441323 | 24441338 | 24441353 | 24441368 | 24441383 | 24441398 | 24441413 | 24441428 |
| 10,0 | 24441324 | 24441339 | 24441354 | 24441369 | 24441384 | 24441399 | 24441414 | 24441429 |
| 15,0 | 24441325 | 24441340 | 24441355 | 24441370 | 24441385 | 24441400 | 24441415 | 24441430 |
| 20,0 | 24441326 | 24441341 | 24441356 | 24441371 | 24441386 | 24441401 | 24441416 | 24441431 |
| 25,0 | 24441327 | 24441342 | 24441357 | 24441372 | 24441387 | 24441402 | 24441417 | 24441432 |
| 30,0 | 24441328 | 24441343 | 24441358 | 24441373 | 24441388 | 24441403 | 24441418 | 24441433 |


Related description

ETHERLINE® LAN Cat.6A RJ45 *L (= cable length) *C (= color of patchcord)

Additional Note

Data sheet also valid for variant lengths.

| | | |
|---|---------------------------------------|-------------|
| Creator: FELI1/PDP Released: IVSE1/PDP | Document: DB24441316EN Version: 04 | Page 1 of 3 |
|---|---------------------------------------|-------------|

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| 24441316 | DATA SHEET |  |
| Valid from: 11.12.2020 | ETHERLINE® LAN Cat.6_A Patchcords | |

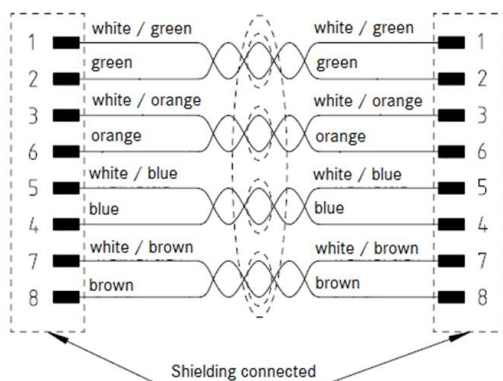
Electrical properties

| | |
|-----------------------------|-------------------------------------|
| Rated voltage (max.) | 50 V AC / 60 V DC 56,5 V DC (UL) |
| Rated current | 1 A |
| Pollution degree | 1 |
| Withstanding voltage (max.) | 500 V AC (5min) |

Transmission characteristics

| | |
|----------------------|----------------|
| Category (ISO 11801) | 6 _A |
|----------------------|----------------|

Connector pin assignment



Mechanical properties

RJ45-plug

| | |
|---------------------------------------|----------------------|
| Flammability class according to UL 94 | PC → V2 |
| Contact, material | CuSn, gold plated |
| Housing & insert, material | PC, crystal clear |
| bend protection, material | PVC, in jacket color |


Line

| | |
|-------------------------|--|
| Cable construction | 4x2xAWG26/7 |
| Insulation | Skin-Foam-Skin PE, ca. 1.03 mm outer-Ø |
| Cable outer diameter | ca. 6.2 mm |
| Bending radius | 49.6mm (min.) |
| Outer coating, material | LS0H |
| Flame retardant | acc. IEC 60332-1-2 |
| Smoke density | acc. IEC 61034-1 |
| Halogen free | acc. IEC 60754-1/-2 |

Standards

| | |
|--|----------------|
| Product standard, RJ45-connector | IEC 60603-7-51 |
| Generic cabling for customer premises – General requirements | ISO/IEC 11801 |

| | | |
|---|---------------------------------------|-------------|
| Creator: FELI1/PDP Released: IVSE1/PDP | Document: DB24441316EN Version: 04 | Page 2 of 3 |
|---|---------------------------------------|-------------|

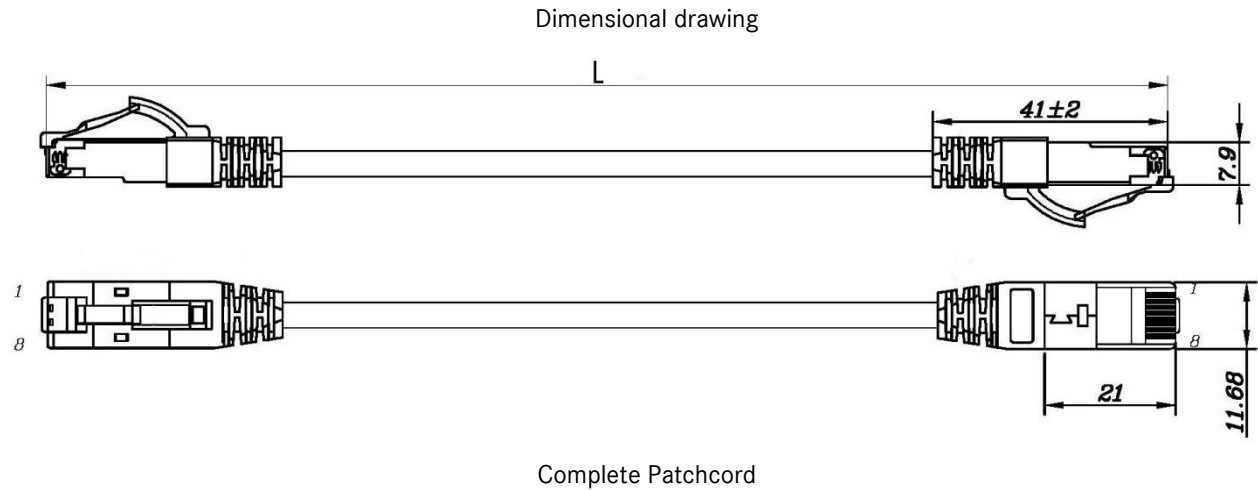
| | | |
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| 24441316 | DATA SHEET |  |
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Approvals

UL listed, E-File

DUXR.E353543
DUXR7.E353543

Technical drawing



Application range

Office area (tertiary section), generic cabling for customer premises, control cabinet applications in controlled environment

Note

Photographs are not true to scale and do not represent detailed images of the respective products.

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