

M12 male 0° / M12 male 0° D-cod. shielded

RADOX EM 104 4xAWG22 shielded bk 1.5m

Transmission properties with channel transmission up to 100 m

Ethernet CAT5

Male straight – male straight

M12 – M12, 4-pole

D-coded

shielded

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

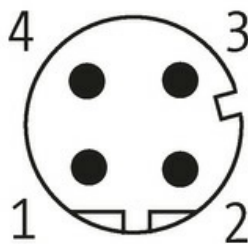
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)**Illustration**

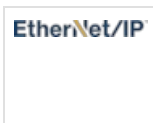
Male



Male



Product may differ from Image

**Form**

Form 44511

Technical Data

Operating voltage max. 60 V DC

| | |
|---|--|
| Rated surge voltage | 1.5 kV |
| Operating current per contact | max. 4 A |
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate | up to 100 Mbit/s full duplex |
| Material group | IEC 60664-1, category I |
| Coding | D-coded |
| Locking of ports | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland | M12 (SW13) |
| Material | PUR |
| Locking material | Zinc die casting, matte nickel plated |
| suitable for corrugated tube (internal Ø) | without |

General data

| | |
|-------------------|--|
| Standards | DIN EN 61076-2-101 (M12) |
| Mounting method | inserted, tightened |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |

Cables

| | |
|----------------------------|-------------------------|
| Cable identification | R64 |
| Cable weight [g/m] | 77 g |
| Material (wire) | Cu wire, tin plated |
| Resistor (core) | max. 55 Ω/km (20 °C) |
| Single wire Ø (core) | 0.18 mm |
| Construction (core) | 19× 0.18 mm |
| Diameter (core) | 4× 0.34 mm ² |
| AWG | similar to AWG 22 |
| Wire-Ø incl. isolation | 1.55 mm ±5% |
| Color/numbering of wires | wh, ye, bl, or |
| Shield | yes |
| Material (jacket) | Radox EM 104 |
| Outer-Ø (jacket) | 6.6 mm ±5% |
| Color (jacket) | black |
| Nominal voltage | 300 V AC |
| Test voltage | 2000 V AC |
| Temperature range (fixed) | -50...+90 °C |
| Temperature range (mobile) | -40...+90 °C |
| Bend radius (fixed) | 6× outer Ø |
| Bend radius (moving) | 10× outer Ø |

Commercial data

| | |
|-----------------------|---------------|
| country of origin | DE |
| customs tariff number | 85444290 |
| EAN | 4048879696838 |
| eClass | 27061801 |
| Packaging unit | 1.000 |