ETHERLINE® 4 pair: CAT.5e; continuous flex
Industrial Ethernet cable for continuous flex applications

This ETHERLINE® 4 pair cable is suitable for CAT.5e continuous flex applications in harsh industrial environments where EMI is pervasive. The rugged polyurethane jacket offers excellent protection against oils and abrasion, and is also halogen-free.

- **Recommended applications**
  Continuous flex applications; cable tracks; cordsets; wiring of network devices in dry or damp rooms

- **Application advantage**
  - Suitable for EtherCAT® & EtherNet/IP applications
  - Tested for 2.5 million flex cycles
  - Shield provides reliable data transmission
  - Easy routing
  - PUR jacket is resistant to oil and abrasion

- **Technical data**
  - **Minimum bend radius:**
    - for stationary use: 8 x cable diameter
    - for continuous flexing: 15 x cable diameter
  - **Temperature range:**
    - for stationary use: -30°C to +80°C
    - for continuous flexing: -20°C to +70°C
  - **Nominal voltage:** 1000V (not for power applications)
  - **Test voltage:** 1000V
  - **Characteristic impedance:** 100Ω ± 15Ω
  - **Color code:**
    - white/blue & blue,
    - white/orange & orange,
    - white/green & green,
    - white/brown & brown
  - **Approvals:**
    - UL: AWM 21576
    - Canada: cRU AWM I/II A/B FT2
    - Additional: RoHS

- **Part number**
  - 2170489 CAT.5e

  Part number: 2170489
  Construction: 26 AWG/4pr
  Stranding: 19 wire
  Jacket material: PUR
  Jacket color: teal
  Approvals: UL/CSA AWM, 1000V
  Fast connect: no
  PoE: no
  Nominal outer diameter: 0.248 mm
  Approx. weight: 6.3 lbs/mft
  SKINTOP® MS-SC PG thread: 36

Max cable run: 196 ft (60 m)