ETHERLINE® 2 Pair: CAT.5/CAT.5e; Continuous Flex
Industrial Ethernet Cable for Continuous Flex Applications

- Construction
  - Conductors: Stranded bare copper or tinned copper (2170894)
  - Pairs: 2 twisted pairs or star quad
  - Insulation: Polyolefin or polyethylene (2170894)
  - Shielding: Copper braid or foil and copper braid (2170894)
  - Jacket: Polyurethane; green or teal

- Recommended Applications
  - Continuous flex applications; cable tracks; cordsets; wiring of network devices; dry or damp environments

- Approvals
  - UL: CMX (2170894)
  - AWM 21576 (2170289, 2170289NA)
  - Canada: c(UL) CMX (2170894)
  - c RU AWM I/II A/B FT2 (2170289, 2170289NA)
  - Additional: RoHS

- Technical Data
  - Minimum Bend Radius:
    - for stationary use: 8 x cable diameter
    - for continuous flexing: 15 x cable diameter
  - Temperature Range:
    - 2170894 & 2170289:
      - for continuous flexing: -20°C to +60°C
      - for stationary use: -30°C to +70°C
    - 2170289NA:
      - for continuous flexing: -5°C to +50°C
      - for stationary use: -40°C to +70°C
  - Nominal Voltage:
    - 2170894: 100V
    - 2170289 & 2170289NA: 1000V

- Characteristic Impedance: 100Ω ± 15Ω
- Color Code:
  - White, yellow, blue, orange
  - White/orange & orange; white/green & green
  - White/orange & orange; white/blue & blue

- Approvals:
  - UL: CMX (2170894)
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- Cable Attributes
  - See attribute list by part number on page 228

- Complete the Installation
  - Fast Connect Stripping Tool page 257
  - RJ45 Connectors page 251

- ÖLFLEX® CONNECT Solution
  - Industrial Ethernet Cordsets page 612

- CAT.5 Cable
  - Part Number: 2170894
  - Size / Pairs: 22 AWG/2pr
  - Stranding: 7 wire
  - Jacket Material: PUR
  - Jacket Color: Green
  - Approvals: PROFINET®, UL/CSA CMX
  - Fast Connect: Yes
  - Nominal Outer Diameter: 0.256 in (6.5 mm)
  - Approx. Weight: 42 lbs/mft
  - SKINTOP® MS-SC PG Thread: 53112210

- CAT.5e Cable
  - Part Number: 2170289
  - Size / Pairs: 26 AWG/2pr
  - Stranding: 19 wire
  - Jacket Material: PUR
  - Jacket Color: Teal
  - Approvals: UL/CSA AWM 1000V
  - Fast Connect: Yes
  - Nominal Outer Diameter: 0.240 in (6.1 mm)
  - Approx. Weight: 32 lbs/mft
  - SKINTOP® MS-SC PG Thread: 53112210

- Part Number: 2170289NA
  - Size / Pairs: 26 AWG/2pr
  - Stranding: 19 wire
  - Jacket Material: PUR
  - Jacket Color: Teal
  - Approvals: UL/CSA AWM 1000V
  - Fast Connect: No
  - Nominal Outer Diameter: 0.228 in (5.8 mm)
  - Approx. Weight: 32 lbs/mft
  - SKINTOP® MS-SC PG Thread: 53112210

* Max cable run: 196 ft (60 m)