

Multipair Overall For & staid Screened Cables

Multipair Overall Foil & Braid Screened Cables-Belden Equivalent 9842

» Application

These cables have pairs laid up in a Foil & Braid screen, suitable for RS 485 applications.

PVC/LSZH Sheath

Aluminium/Polyester Tape

Tinned Copper Braid

PE Insulation

Stranded Tinned Copper Conductor

» Construction

- » Conductor: Tinned copper wire.
- » Insulation: PE.
- » Overall Screen1: Aluminium/Polyester

tape.

» Overall Screen2: Tinned copper braid,

90% coverage.

- » Sheath: PVC (V type)/LSZH (H type).
- » Insulation Colour: White/Blue & Blue/White, White/Orange & Orange/White.

» Electrical & Mechanical Characteristics

| AWG | | 24 | |
|--|------|---------------------|--|
| Conductor Construction | | 7x0.2 | |
| UL Style | | 2919 | |
| Maximum Conductor Resistance | Ω/km | 85 | |
| Voltage Rating | V | 30 | |
| Nominal Capacitance Conductor to Conductor | pF/m | 42 | |
| Nominal Capacitance Conductor to Screen | pF/m | 76 | |
| Bending Radius | | 10xOverall Diameter | |
| Operating Temperature | °C | -30~80 | |

» **Dimensions**

| Ordering Code | No. of Pairs | Insulation Thickness | Sheath Thickness | Overall Diameter |
|---------------|--------------|-------------------------|------------------|------------------|
| | | mm | mm | mm |
| BE119842V | 2 | 0.6 | 0.81 | 8.6 |
| BE119842H | 2 | 0.6 | 0.81 | 8.6 |

