

Specification & Technical Data Sheet

Part Number: RWC-P241PLC-OR/485

24 AWG 1 PAIR STR TINNED COPPER SHIELDED LOCAP PLENUM - RS485 - ORANGE JACKET

1. Conductor

- AWG Size: 24awg
- Type: 7 Strand Tinned Copper

2. Insulation

- Material: Plenum rated Foam FEP
- Wall Thickness: 0.022"
- Color Code: 1-Black; 2-White

3. Assembly

- Cable Lay Length: 2.50" LHL (4.8 Tw/Ft)
- Shield: Aluminum Mylar Tape – 100% Coverage
- Drain: 24awg 7 Strand Tinned Copper
- Braid:

4. Jacket

- Material: Plenum Rated Polyvinylchloride
- Wall Thickness: 0.015"
- Diameter: 0.166"
- Color: Orange
- Ripcord: Yes
- Weight: 15 lbs/Mft.

5. Markings

- Type: Inkjet Printer
- Legend: Sequential Footage Markers; 24AWG 2C SHIELDED 75'C (UL) CL3P OR FPLP OR C(UL)US CMP FT-6 RS485 MADE IN USA
- Footage Markers: Yes

6. Electricals

- Impedance: 120.0 Ω /Mft.
- Capacitance: 10.8 pF/ft +/- 10%
- Velocity of Propagation: 78%
- DC Resistance: 25.54 Ω /Mft. @ 20°C

7. Standards

- Cable suitable for installation under NEC (NFPA 70) articles 800 guidelines
- Cable suitable for installation in Canada under Section 60 of CEC, Part I
- C(UL)US listed as CMP per UL standard 444 and per CSA C22.2 No. 214-17
- UL listed as CL3P per UL standard 13 and FPLP per UL standard 1424
- Cable meets electrical requirements for TIA/EIA RS485 standard
- Cable is ROHS III compliant per Directive 2015/863/EU
- Cable is REACH compliant per regulation (EC) No 1907/2006 Updated July 7, 2017
- Maximum Operating Voltage: 300V RMS
- Made in the USA

