

Shielded Flexible Cable, 4-Conductor 18AWG, 300V PVC Jacket, 50 ft Roll

OVERVIEW

The CA4J-18-RV-50 is a shielded, flexible 4-conductor 18AWG cable supplied on a 50 ft (15.5 m) reel. Constructed with tinned copper conductors and PVC insulation, it is suited for control wiring, instrumentation, and signal applications where shielding against electromagnetic interference is required. Individual conductors are color-coded black, green, red, and blue for straightforward field identification.

The cable is rated for 300V and 80°C continuous operating temperature. The aluminum/mylar (AL/MY) foil shield combined with a 21/0.16 tinned copper drain wire provides reliable EMI/RFI shielding. The black PVC outer jacket measures 7.0 mm nominal OD with a minimum wall thickness of 0.9 mm, offering mechanical protection suitable for industrial environments. Conductor configuration is 1/1.0 TC per the datasheet, with a cross-sectional area of 0.78 mm² per conductor.

The cable marking references AWM 2464, VW-1 flame rating, and FT1 designation as printed on the jacket. RoHS compliance is noted in product records. No additional certifications are confirmed in the available source documentation.

SPECIFICATIONS

Input voltage	300 V	Dimensions	7 mm
Operating temp	80 °C	Roll length	15.5 m