

FAS105 Red Aluminum Interlocked Armoured, FT1, FT4, 300V

Applications: For use in fire alarm systems and signal wiring within buildings and other structures, this cable is suitable for Class 2 circuits as well as control and instrumentation circuits installed in cable trays and plenum. It can be used in both exposed and concealed installations, in dry locations, in accordance with the requirements of Table 19, Sections 16 and 32 of CSA C22.1, Canadian Electrical Code, Part I.

Conductors: 18 AWG to 12 AWG solid bare copper.

Insulation: Polyvinyl chloride (PVC)

Jacket: Polyvinyl chloride (PVC)

Armour: Aluminum interlocked armour

Voltage Rating: 300V

Temperature Rating: -30°C** to 105°C

Flame Rating: FT1, FT4

Standards: CSA C22.2 No. 208

| Gauge AWG | Conductor Count | Nominal Insulation Thickness | | Nominal Jacket Thickness | | Nominal Diameter Armoured Cable | | Nominal Cable Weight | |
|--------------|--------------------|---------------------------------|-------|-----------------------------|-------|------------------------------------|-------|-------------------------|--------|
| | | mm | in. | mm | in. | mm | in. | kg/km | lb/mft |
| 18 | 2 | 0.38 | 0.015 | 0.48 | 0.019 | 11.30 | 0.445 | 87 | 58 |
| 18 | 3 | 0.38 | 0.015 | 0.48 | 0.019 | 11.30 | 0.445 | 98 | 66 |
| 18 | 4 | 0.38 | 0.015 | 0.48 | 0.019 | 11.30 | 0.445 | 119 | 80 |
| 18 | 5 | 0.38 | 0.015 | 0.48 | 0.019 | 11.30 | 0.445 | 121 | 81 |
| 18 | 6 | 0.38 | 0.015 | 0.48 | 0.019 | 11.94 | 0.470 | 148 | 100 |
| 18 | 8 | 0.38 | 0.015 | 0.48 | 0.019 | 12.40 | 0.488 | 160 | 108 |
| 18 | 10 | 0.38 | 0.015 | 0.48 | 0.019 | 13.61 | 0.536 | 192 | 129 |
| 16 | 2 | 0.38 | 0.015 | 0.48 | 0.019 | 11.30 | 0.445 | 98 | 66 |
| 16 | 3 | 0.38 | 0.015 | 0.48 | 0.019 | 11.30 | 0.445 | 113 | 76 |
| 16 | 4 | 0.38 | 0.015 | 0.48 | 0.019 | 11.30 | 0.445 | 129 | 87 |
| 16 | 5 | 0.38 | 0.015 | 0.48 | 0.019 | 11.94 | 0.470 | 150 | 101 |
| 14 | 2 | 0.38 | 0.015 | 0.48 | 0.019 | 11.30 | 0.445 | 115 | 77 |
| 14 | 3 | 0.38 | 0.015 | 0.48 | 0.019 | 11.46 | 0.451 | 139 | 93 |
| 14 | 5 | 0.38 | 0.015 | 0.48 | 0.019 | 12.78 | 0.503 | 196 | 132 |
| 12 | 2 | 0.38 | 0.015 | 0.48 | 0.019 | 11.94 | 0.470 | 145 | 97 |
| 12 | 3 | 0.38 | 0.015 | 0.48 | 0.019 | 12.40 | 0.488 | 183 | 123 |

** The -30°C low temperature rating indicates that the cables have passed a cold bend test under carefully controlled laboratory conditions. These conditions may or may not reflect actual field conditions. It is therefore recommended that all cables be warmed to at least -10°C before installation.

Notes: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.