



## 18 AWG 300V CSA FAS105 FT4 Silver Armoured

| Unshielded | Part No.    | Conductor Count | Insulation Thickness |      | Inner Jacket O.D. |     | Cable O.D. |      | Cable Weight |       | Max Pulling Tension |    | Min Bend Radius |     |
|------------|-------------|-----------------|----------------------|------|-------------------|-----|------------|------|--------------|-------|---------------------|----|-----------------|-----|
|            |             |                 | in                   | mm   | in                | mm  | in         | mm   | lbs/Mft      | kg/km | lbs                 | kg | in              | mm  |
|            | 7201803BAR4 | 3               | 0.015                | 0.38 | 0.151             | 3.8 | 0.375      | 9.5  | 45           | 67    | 39                  | 18 | 4.5             | 114 |
|            | 7201805BAR4 | 5               | 0.015                | 0.38 | 0.190             | 4.8 | 0.414      | 10.5 | 64           | 95    | 65                  | 29 | 5.0             | 126 |
|            | 7201807BAR4 | 7               | 0.015                | 0.38 | 0.211             | 5.3 | 0.435      | 11.1 | 79           | 118   | 91                  | 41 | 5.2             | 133 |

| Shielded | Part No.    | Conductor Count | Insulation Thickness |      | Inner Jacket O.D. |     | Cable O.D. |      | Cable Weight |       | Max Pulling Tension |    | Min Bend Radius |     |
|----------|-------------|-----------------|----------------------|------|-------------------|-----|------------|------|--------------|-------|---------------------|----|-----------------|-----|
|          |             |                 | in                   | mm   | in                | mm  | in         | mm   | lbs/Mft      | kg/km | lbs                 | kg | in              | mm  |
|          | 7241803BAR4 | 3               | 0.015                | 0.38 | 0.155             | 3.9 | 0.379      | 9.6  | 49           | 74    | 39                  | 18 | 4.5             | 116 |
|          | 7241805BAR4 | 5               | 0.015                | 0.38 | 0.194             | 4.9 | 0.418      | 10.6 | 68           | 101   | 65                  | 29 | 5.0             | 127 |
|          | 7241807BAR4 | 7               | 0.015                | 0.38 | 0.215             | 5.4 | 0.439      | 11.1 | 87           | 129   | 91                  | 41 | 5.3             | 133 |
|          | 7241809BAR4 | 9               | 0.015                | 0.38 | 0.246             | 6.2 | 0.470      | 11.9 | 105          | 156   | 117                 | 53 | 5.6             | 142 |

Dimensions and weights are nominal and subject to change without notice.

### Specifications and Compliances

- CSA C22.2 No. 208, Fire alarm and signal cable (Type FAS105)
- CSA C22.2 No. 2556 FT4, UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- -40°C Cold Bend and -40°C Cold Impact

|                     |   |
|---------------------|---|
| <b>Conductor</b>    | Solid Soft Copper, ASTM B3                    |
| <b>Insulation</b>   | Polyvinyl Chloride (PVC) 105°C, 300V          |
| <b>Shielding</b>    | Overall Shield with Tinned Copper Drain Wire  |
| <b>Inner Jacket</b> | Flame Retardant Polyvinyl Chloride (PVC), Red |
| <b>Armour</b>       | Aluminum Interlock Armour (AIA), Bare Silver  |

### Applications

- For use in fire alarm, signal, and voice communication circuits indoors.
- Refer to Section 32 of the Canadian Electrical Code for conductor size restrictions.
- For non-combustible construction and plenum areas per CE Code Part 1 Appendix G and the National Building Code 1995 Edition Articles 3.15.17 and 3.6.4.3.
- For use in ventilated, non-ventilated and ladder-type cable trays
- For dry locations, in ceiling air-handling plenums, exposed and concealed wiring.