



16 & 14 AWG 300V CSA FAS105 FT4 Red Armoured

| 16 AWG | Part No. | Conductor Count | Shielding | 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 |
| | 7201603BAR4 | 3 | no | 0.015 | 0.38 | 0.220 | 5.6 | 0.440 | 11.2 | 70 | 104 | 62 | 28 | 6.2 | 157 |
| | 7201605BAR4 | 5 | no | 0.015 | 0.38 | 0.269 | 6.8 | 0.524 | 13.3 | 101 | 151 | 103 | 47 | 7.3 | 186 |
| | 7241603BAR4 | 3 | yes | 0.015 | 0.38 | 0.228 | 5.8 | 0.448 | 11.4 | 72 | 107 | 62 | 28 | 6.3 | 159 |
| | 7241605BAR4 | 5 | yes | 0.015 | 0.38 | 0.277 | 7.0 | 0.532 | 13.5 | 104 | 154 | 103 | 47 | 7.4 | 189 |

| 14 AWG | Part No. | Conductor Count | Shielding | 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 |
| | 7201403BAR4 | 3 | no | 0.015 | 0.38 | 0.224 | 5.7 | 0.511 | 13.0 | 96 | 143 | 102 | 46 | 7.2 | 182 |
| | 7201405BAR4 | 5 | no | 0.015 | 0.38 | 0.281 | 7.1 | 0.568 | 14.4 | 138 | 205 | 171 | 77 | 8.0 | 202 |
| | 7241403BAR4 | 3 | yes | 0.015 | 0.38 | 0.232 | 5.9 | 0.519 | 13.2 | 98 | 147 | 102 | 46 | 7.3 | 184 |
| | 7241405BAR4 | 5 | yes | 0.015 | 0.38 | 0.289 | 7.3 | 0.576 | 14.6 | 140 | 209 | 171 | 77 | 8.1 | 205 |

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 Vertical-Tray Flame Test

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

Applications

- For use in fire alarm, signal, and voice communication circuits where exposed, concealed, or used in raceways, or indoors in dry locations only.
- Refer to Section 32 of the Canadian Electrical Code for conductor size restrictions.
- For non-combustible construction and plenum areas per CEC Part 1 Appendix G and the National Building Code 1995 Edition Articles 3.15.17 and 3.6.4.3.