



18 AWG 300V CSA FAS105 FT4

| Unshielded | Part No. | Conductor Count | Insulation Thickness | | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Min Bend Radius | |
|-------------|----------|-----------------|----------------------|-------|------------|------|---------------|-----------|---------------------|-----|-----------------|----|
| | | | in | mm | in | mm | lbs/Mft | kg/km | lbs | kg | in | mm |
| | | | 7202102BFT4FLAT | 2 | 0.015 | 0.38 | 0.376 x 0.188 | 9.4 x 4.7 | 22 | 32 | 26 | 12 |
| 7202102BFT4 | 2 | 0.015 | 0.38 | 0.214 | 5.4 | 23.5 | 35 | 26 | 12 | 1.3 | 33 | |
| 7202103BFT4 | 3 | 0.015 | 0.38 | 0.215 | 5.5 | 32 | 47 | 39 | 18 | 1.4 | 35 | |
| 7202104BFT4 | 4 | 0.015 | 0.38 | 0.240 | 6.1 | 39 | 58 | 52 | 24 | 1.6 | 40 | |
| 7202105BFT4 | 5 | 0.015 | 0.38 | 0.260 | 6.6 | 46 | 68 | 65 | 29 | 1.7 | 43 | |
| 7202106BFT4 | 6 | 0.015 | 0.38 | 0.268 | 6.8 | 54 | 80 | 78 | 35 | 1.7 | 44 | |
| 7202107BFT4 | 7 | 0.015 | 0.38 | 0.289 | 7.3 | 66 | 98 | 91 | 41 | 1.9 | 48 | |
| 7202108BFT4 | 8 | 0.015 | 0.38 | 0.307 | 7.8 | 73 | 108 | 104 | 47 | 2.0 | 51 | |
| 7202109BFT4 | 9 | 0.015 | 0.38 | 0.315 | 8.0 | 82 | 122 | 117 | 53 | 2.0 | 52 | |
| 7202110BFT4 | 10 | 0.015 | 0.38 | 0.340 | 8.6 | 89 | 133 | 130 | 59 | 2.2 | 56 | |
| 7202111BFT4 | 11 | 0.015 | 0.38 | 0.348 | 8.8 | 97 | 145 | 143 | 65 | 2.3 | 57 | |
| 7202115BFT4 | 15 | 0.015 | 0.38 | 0.415 | 10.5 | 129 | 192 | 195 | 88 | 2.7 | 69 | |
| 7202120BFT4 | 20 | 0.015 | 0.38 | 0.462 | 11.7 | 169 | 251 | 260 | 118 | 3.0 | 76 | |
| 7202130BFT4 | 30 | 0.015 | 0.38 | 0.544 | 13.8 | 242 | 360 | 390 | 177 | 3.5 | 90 | |
| 7202150BFT4 | 50 | 0.015 | 0.38 | 0.721 | 18.3 | 431 | 641 | 650 | 295 | 4.7 | 119 | |

| Shielded | Part No. | Conductor Count | Insulation Thickness | | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Min Bend Radius | |
|-------------|----------|-----------------|----------------------|-------|------------|------|--------------|-------|---------------------|-----|-----------------|----|
| | | | in | mm | in | mm | lbs/Mft | kg/km | lbs | kg | in | mm |
| | | | 7241802BFT4 | 2 | 0.015 | 0.38 | 0.219 | 5.6 | 27 | 40 | 26 | 12 |
| 7241803BFT4 | 3 | 0.015 | 0.38 | 0.223 | 5.7 | 34 | 51 | 39 | 18 | 1.4 | 37 | |
| 7241804BFT4 | 4 | 0.015 | 0.38 | 0.244 | 6.2 | 42 | 62 | 52 | 24 | 1.6 | 40 | |
| 7241805BFT4 | 5 | 0.015 | 0.38 | 0.264 | 6.7 | 52 | 77 | 65 | 29 | 1.7 | 44 | |
| 7241806BFT4 | 6 | 0.015 | 0.38 | 0.278 | 7.1 | 58 | 86 | 78 | 35 | 1.8 | 46 | |
| 7241808BFT4 | 8 | 0.015 | 0.38 | 0.345 | 8.8 | 77 | 115 | 104 | 47 | 2.2 | 57 | |

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

Conductor Solid Bare Soft Copper Conductors, ASTM B3

Insulation Polyvinyl Chloride (PVC) 105°C, 300V

Shielding

Overall Shield with Tinned Copper Drain Wire

Jacket

Flame Retardant Polyvinyl Chloride (PVC), Red

Applications

- For use in fire alarm, signal, and voice communication circuits where exposed, concealed, or used in raceways or indoors in dry or damp locations.
- Refer to Section 32 of the Canadian Electrical Code for conductor size restrictions and limits of use of non-armoured constructions.

