

Description:

6 /C 18 AWG Stranded Tinned Copper, FEP Insulation, Overall Aluminum/Polyester Shield, TC Braid Shield, and FEP Jacket.

A. Construction:

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|-----|-------------|---|
| 1.0 | Pair: | 18 AWG |
| 1.1 | Conductor: | 18 AWG 19/30 Tin Copper; OD: .048" Nom. |
| 1.2 | Insulation: | .007" Wall FEP; OD: .062" Nom. |
| 1.3 | Color Code: | Black, White, Red, Green, Orange, Blue |
| 1.4 | Separator: | Polyester Tape |
| 1.5 | Shield #1: | Aluminum/Polyester Tape- 25% Overlap; (Foil Side Out) |
| 1.6 | Shield #2 | 36 AWG Tinned Copper Braid- 85 % Coverage |
| 1.7 | Jacket: | .014" Wall FEP; Color: Red, or as requested OD: .242" Nom. |

2.0 Marking: Surface Print:

GENERAL CABLE (F) C8120 6C 18 AWG SHIELDED CMP (UL) c(UL) --- ROHS AAAAA*

* Indicates Shop Order Number

B. Electrical Characteristics:

| | | |
|-----|--------------------------|--|
| 1.0 | Conductor Resistance: | 6.22 Ω /1000 ft Nom. |
| 2.0 | Outer Shield Resistance: | 3.10 Ω /1000 ft Nom. |
| 4.0 | Mutual Capacitance: | 33 pF/ft Nom. (Cond to Cond) |
| 5.0 | Capacitance: | 61 pF/ft Nom @ 1 KHz (Cond to other Cond & Shield) |
| 6.0 | Velocity of Propagation: | 69% Nom. |
| 7.0 | Time Delay: | 1.47 ns/ft |


C. Agency Approvals:

UL -CMP; C(UL) CMP

Temperature Range: -70°C to +200°C

Voltage Rating: 300V Max.

RoHS Compliant

| R E V | DATE | CHANGE DETAIL |  | | <div>General Cable</div> <div>20 Forge Park, Franklin, Ma 02038</div> <div>Phone: 508-541-7100 Fax: 508-541-8122</div> | | |
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| | | | Title: | C8120 | | | |
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| | | | Description: | 6 Cond 18 AWG Foil & Braid Shielded, Jacketed - Plenum Cable | | | |
| | | | | | | | |
| | | | Eng Approval: | | | | |
| | | | Mktg Approval: | | | | |
| A | 06/30/09 | First Release-DB | Final Approval: | VM – 7/1/09 | | PAGE 1 of 1 | |

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