

Instrumentation and Control Cable

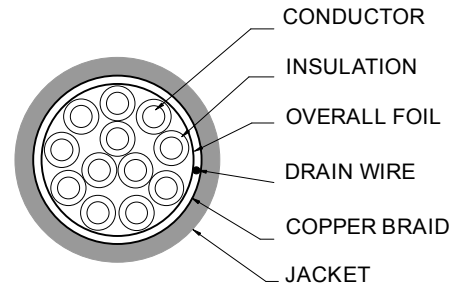
Multiconductors Foiled / Copper Braided Shielded

Overall Foiled shielded and copper braided

UL subject 13 type CL2, CL3

NEC articles 725-38 (b) (1)

105°C, 300, 600 Volt



Conductor : Fine stranded concentric bare copper

Insulation : 105°C PVC optional PE, XLPE, PP

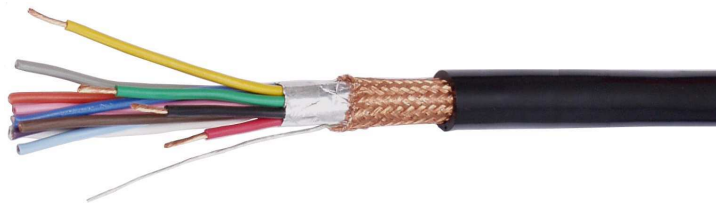
Shield : 100% coverage, aluminium polyester foil shield and 85% of copper braided

Drain Wire : 7 strands tinned copper

Jacket : Black sunlight resistant PVC

Application : For process control and instrumentation. Passes UL type CL2, CL3 vertical tray flame test.

Installed in cable trays, raceways, conduit or aerial.



UL File No. : E125840, CSA File No. : LL 80602
(UL type CL2, CL3 and CSA type AWM FT1 Listed)

16 AWG, 1.25 sqmm. DCR 14.3 Ω /km

| Standard | No/mm. | AWG | No. of cores | Insulation thickness | Jacket material | Normal OD.(mm) | Jacket color | Part Number |
|------------------------|---------|-----|--------------|----------------------|-----------------|----------------|--------------|-------------|
| UL type CL2, CL3 | 52/0.18 | 16 | 2 | 0.50 | PVC | 7.5 | Black | IB12502 |
| | 52/0.18 | 16 | 3 | 0.50 | PVC | 7.9 | Black | IB12503 |
| | 52/0.18 | 16 | 4 | 0.50 | PVC | 8.7 | Black | IB12504 |
| | 52/0.18 | 16 | 5 | 0.50 | PVC | 9.7 | Black | IB12505 |
| | 52/0.18 | 16 | 6 | 0.50 | PVC | 10.4 | Black | IB12506 |
| | 52/0.18 | 16 | 7 | 0.50 | PVC | 10.4 | Black | IB12507 |
| | 52/0.18 | 16 | 9 | 0.50 | PVC | 12.1 | Black | IB12509 |
| CSA type AWM FT1 | 52/0.18 | 16 | 12 | 0.50 | PVC | 13.7 | Black | IB12512 |
| | 52/0.18 | 16 | 16 | 0.50 | PVC | 15.3 | Black | IB12516 |
| | 52/0.18 | 16 | 20 | 0.50 | PVC | 16.8 | Black | IB12520 |
| | 52/0.18 | 16 | 24 | 0.50 | PVC | 18.9 | Black | IB12524 |
| | 52/0.18 | 16 | 30 | 0.50 | PVC | 19.9 | Black | IB12530 |
| | 52/0.18 | 16 | 36 | 0.50 | PVC | 21.6 | Black | IB12536 |

