

# Instrumentation and Control Cable

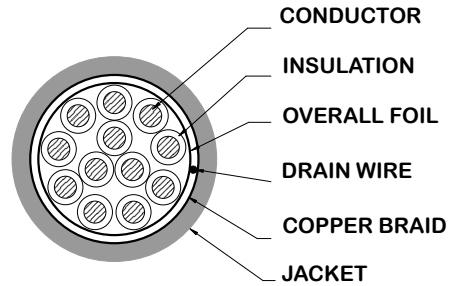
Multiconductors Foiled / Copper Braided Shielded

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	Nominal 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

