COMM CABLE MULTI CONDUCTOR SHIELDED PLTC

UL, CSA, NEC approved wires for two way circuits.

PRODUCT CONSTRUCTION:

Conductor: fully annealed stranded tinned copper per ASTM B33 · Twisted pairs

Insulation: Premium-grade, color-coded PVC or FMPE· Color code: See chart below

Shield: 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out · Stranded tinned copper drain wire · 65% tinned copper braid (C7112A, C7114A and C7116A only)

Jacket: PVC, gray or black · Sunlight-resistant · Temperature range: -20°C to +60°C or +105°C

Applications: Power-limited circuits · Intercom systems · Business machines · Computer interconnects · Suitably marked for appropriate tray cable installations · Petrochemical control systems · Burglar alarms · Suggested voltage rating: 300 volts

Packaging: Please contact Customer Service for packaging and color options

† UL Style 2464 only available on PVC insulation constructions

APPLICATION PROPERTIES

Flame retardant	No	Resistant to UV	Yes
Halogen free	No	Outdoor installation	No
Low smoke	No	Underground installation	No
Oil resistant	No		

STANDARDS AND APPROVALS

RoHS Compliant Directive EU 2015 / 863

NEC Article 725 Type CL3 (UL: 105°C) | **NEC Article 800 Type CM (UL: 105°C)** | **UL Style 2464 (UL: 80°C, 300 V)** | **Passes CSA CMG Flame Test**

ELECTRICAL PROPERTIES

Catalog Number	No. Of. Cond	AWG / Kcmil	Conductor category	Conductor strand count	Insulation thickness [in]	Insulation thickness [mm]	Jacket thickness [in]	Jacket thickness [mm]	Nominal overall o.d.	Nominal outer diameter [mm]
C0458A	2	14	Class 2 = stranded	19/.0147	0.013	0.33	0.042	1.07	0.288	7.32
C0459A	3	14	Class 2 = stranded	19/.0147	0.013	0.33	0.042	1.07	0.298	7.57
C0456A	2	16	Class 2 = stranded	19/.0117	0.013	0.33	0.037	0.94	0.243	6.17
C0457A	3	16	Class 2 = stranded	19/.0117	0.013	0.33	0.037	0.94	0.255	6.48
C0454A	2	18	Class 2 = stranded	16/30	0.013	0.33	0.037	0.94	0.221	5.61
C0455A	3	18	Class 2 = stranded	16/30	0.013	0.33	0.037	0.94	0.232	5.89
C0560A	4	18	Class 2 = stranded	16/30	0.016	0.41	0.042	1.07	0.314	7.98
C0584A	4	18	Class 2 = stranded	16/30	0.016	0.41	0.042	1.07	0.38	9.65
C0561A	6	18	Class 2 = stranded	16/30	0.016	0.41	0.042	1.07	0.403	10.24
C0585A	6	18	Class 2 = stranded	16/30	0.016	0.41	0.053	1.35	0.437	11.1
C0562A	8	18	Class 2 = stranded	16/30	0.015	0.38	0.05	1.07	0.44	11.18
C0586A	8	18	Class 2 = stranded	16/30	0.016	0.41	0.053	1.35	0.478	12.14
C0563A	12	18	Class 2 = stranded	16/30	0.015	0.38	0.06	1.35	0.519	13.18
C0452A	2	20	Class 2 = stranded	7/28	0.013	0.33	0.037	0.94	0.207	5.26
C0453A	3	20	Class 2 = stranded	7/28	0.013	0.33	0.037	0.94	0.217	5.51
C0450A	2	22	Class 2 = stranded	7/30	0.013	0.33	0.037	0.94	0.191	4.85
C0451AS	3	22	Class 2 = stranded	7/30	0.013	0.33	0.037	0.94	0.199	5.05
C0451A	3	22	Class 2 = stranded	7/30	0.013	0.33	0.037	0.94	0.199	5.05
C0570A	4	22	Class 2 = stranded	7/30	0.016	0.41	0.042	1.07	0.327	8.31
C0573A	4	22	Class 2 = stranded	7/30	0.016	0.41	0.042	1.07	0.327	8.31
C0550A	4	22	Class 2 = stranded	7/.0096	0.015	0.38	0.042	1.07	0.294	7.47

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C0552A	8	22	Class 2 = stranded	7/.0096	0.015	0.38	0.042	1.07	0.337	8.56
C0573A	12	22	Class 2 = stranded	7/30	0.016	0.41	0.053	1.35	0.469	11.91
C0553A	12	22	Class 2 = stranded	7/.0096	0.015	0.38	0.042	1.35	0.418	10.62