COMM CABLE MULTI-PAIRED SHIELDED PLENUM

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

PRODUCT CONSTRUCTION:

Conductor: fully annealed stranded tinned or bare copper per ASTM B3, B8 or B33

Insulation: Premium-grade, color-coded Flexguard® PVC · Color code: See chart below

Jacket: Fluoropolymer, natural · Temperature range: -20°C to +75°C · Sequential footage marked to facilitate installation · Abrasion-, chemical- and water-resistant · Includes ripcord

Applications: Intercom systems · Background music · Audio systems · Power-limited control circuits · Suggested voltage rating: 150 volts

Packaging: Please contact Customer Service for packaging and color options

APPLICATION PROPERTIES

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

STANDARDS AND APPROVALS

NEC Article 725 Type CL3 (UL: 105°C)

NEC Article 800 Type CM (UL: 105°C)

Designed to meet NFPA 262 and CSA FT6 Steiner Tunnel Fire Tests for Plenum Applications

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]
C8119	2	16	Class 2 = stranded	19/29	0.007	0.18	0.02	0.36	0.21	5.31
C8111	2	16	Class 2 = stranded	19/29	0.007	0.18	0.02	0.36	0.2	5.03
C3341	4	16	Class 2 = stranded	7/.0192 BC	0.008	0.2	0.01	0.25	0.21	5.16
C8104	2	18	Class 2 = stranded	19/30	0.007	0.18	0.02	0.41	0.17	4.19
C8114	2	18	Class 2 = stranded	19/30	0.007	0.18	0.02	0.36	0.19	4.7
C8116	2	18	Class 2 = stranded	19/30	0.007	0.18	0.01	0.23	0.15	3.61
C8123	2	18	Class 2 = stranded	19/30	0.007	0.18	0.02	0.36	0.16	4.06
C3162	2	18	Class 2 = stranded	7/26 BC	0.008	0.2	0.01	0.25	0.16	3.86
C8120	2	18	Class 2 = stranded	19/30	0.007	0.18	0.02	0.36	0.25	6.15
C3164	3	18	Class 2 = stranded	7/26 BC	0.008	0.2	0.01	0.25	0.16	4.01
C3163	4	18	Class 2 = stranded	7/26 BC	0.008	0.2	0.01	0.25	0.18	4.52
C3166	6	18	Class 2 = stranded	7/26 BC	0.008	0.2	0.01	0.25	0.22	5.38
C8106	6	18	Class 2 = stranded	19/30	0.007	0.18	0.02	0.36	0.18	4.27
C3204	2	22	Class 2 = stranded	7/30	0.006	0.15	0.01	0.25	0.117	2.97
C3205	2	22	Class 2 = stranded	7/30	0.006	0.15	0.01	0.25	0.151	3.84
C8112	2	22	Class 2 = stranded	7/30	0.006	0.15	0.02	0.36	0.19	4.72
C8103	2	22	Class 2 = stranded	7/30	0.006	0.15	0.02	0.36	0.12	3.05
C8133	2	22	Class 2 = stranded	7/30	0.01	0.25	0.02	0.45	0.32	7.98
C8132	2	22	Class 2 = stranded	7/30	0.01	0.25	0.02	0.38	0.31	7.85
C8105	4	22	Class 2 = stranded	7/30	0.006	0.15	0.02	0.36	0.19	4.72
C3207	8	22	Class 2 = stranded	7/30	0.006	0.15	0.01	0.25	0.2	5.08

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C8118	2	24	Class 2 = stranded	7/32	0.014	0.15	0.02	0.38	0.21	5.16
C8129	2	24	Class 2 = stranded	7/32	0.019	0.48	0.02	0.43	0.28	6.93
C8113	2	24	Class 2 = stranded	7/32	0.006	0.15	0.02	0.36	0.17	4.09