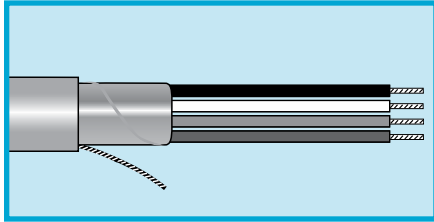


Communication and Control

300 V Foil Shield, Multiconductor, PE or SR-PVC, PVC
Audio/Video Cable

Alpha
Essentials



**UL AWM 2092, 2093, 2094,
2464**
UL CM, CMG, CL2
CSA CMG FT4

Applications

- Lightweight, low-cost small-diameter cable for audio and sound systems

Operating Temperature

- -20°C to +80°C (AWM 2464)
- -20°C to +75°C (CM, CMG)
- -20°C to +60°C (AWM 2092, 2093, 2094)

Conductor Color Coding

(Unless noted)

- 2-conductor: Black, Clear
- 3-conductor: Black, Red, Clear
- 4-conductor: Black, Red, White, Green

Materials

- Polyethylene or semirigid PVC insulation (see tables)
- Aluminum/polyester foil shield, 25% overlap min.
Foil facing inward
Stranded tinned copper drain wire (see tables for size)
- Slate PVC jacket

Availability

100 ft (30.5 m)
500 ft (152 m)
1000 ft (305 m)
Bulk, cut to length
(Minimums may apply)

Polyethylene Insulation

24 AWG (0.22 mm²)

Stranding: 7/32 (7 x 0.20 mm)
Insulation thickness: 0.016 (0.41 mm)
24 AWG (0.22 mm²) drain wire

Part No.	Conductors	Nominal Diameter		Jacket Thickness		Approval	Color Code
		Inch	mm	Inch	mm		
M13222	2	0.166	4.22	0.025	0.64	2092, CM	Black, Clear

Mutual capacitance: 18 pF/ft (59 pF/m)
Ground capacitance: 32 pF/ft (105 pF/m)

Semi-Rigid PVC Insulation

24 AWG (0.22 mm²)

Stranding: 7/32 (7 x 0.20 mm)
Insulation thickness: 0.010 (0.51 mm)
24 AWG (0.22 mm²) drain wire

Part No.	Conductors	Nominal Diameter		Jacket Thickness		Approval	Color Code
		Inch	mm	Inch	mm		
M39024	3	0.166	4.22	0.032	0.81	2464, CMG	O
M39025	4	0.174	4.42	0.032	0.81	2464, CMG	O
M39026	5	0.187	4.75	0.032	0.81	2464, CMG	O
M39027	6	0.201	5.11	0.032	0.81	2464, CMG	O
M39028	7	0.201	5.11	0.032	0.81	2464, CMG	O
M39029	8	0.214	5.44	0.032	0.81	2464, CMG	O
M39030	9	0.228	5.79	0.032	0.81	2464, CMG	O
M39031	10	0.247	6.27	0.032	0.81	2464, CMG	O
M39032	15	0.273	6.93	0.032	0.81	2464, CMG	F
M39033	20	0.301	7.65	0.032	0.81	2464, CMG	F
M39034	25	0.335	8.51	0.032	0.81	2464, CMG	F
M39035	30	0.369	9.37	0.040	1.02	2464, CMG	F
M39036	40	0.409	10.39	0.040	1.02	2464, CMG	F
M39037	50	0.456	11.58	0.045	1.14	2464, CMG	F

Mutual capacitance: 32 pF/ft (105 pF/m)
Ground capacitance: 58 pF/ft (190.3 pF/m)

Polyethylene Insulation

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.016 (0.41 mm)
22 AWG (0.35 mm²) drain wire

Part No.	Conductors	Nominal Diameter		Jacket Thickness		Approvals
		Inch	mm	Inch	mm	
M13226	2	0.178	4.52	0.025	0.64	2092, CM
M13227	3	0.204	5.18	0.033	0.84	2093, CM

Mutual capacitance: 20 pF/ft (65.6 pF/m)
Ground capacitance: 36 pF/ft (118.1 pF/m)