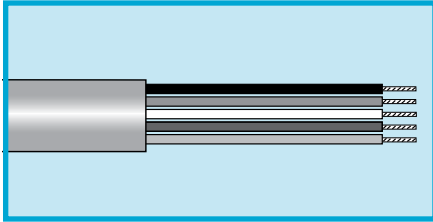


Communication and Control

300 V Unshielded, Multiconductor, SR-PVC/PVC, PVC
Audio/Video Cable

Alpha
Essentials



**UL AWM 2464, 2509, 2576,
UL CM, CMG
CSA CM, CMG FT4**

Applications

- Unbalanced intercom and sound systems
- Remote circuit control
- Low-voltage circuits

Operating Temperature

- -20°C to +80°C (AWM)
- -20°C to +75°C (CM, CMG)

Conductor Color Coding

- See tables

Materials

- Stranded tinned copper conductors
- PVC or semirigid PVC insulation
- Slate PVC jacket

Availability

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

UL AWM 2509, UL CMG, PVC Insulation

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.016 (0.41 mm)
Color Code J

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M13302	2	0.174	4.42	0.025	0.64

UL AWM 2576, UL CM, PVC Insulation (150 V)

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness		Color Code
		Inch	mm	Inch	mm	
M13303	3	0.172	4.37	0.032	0.81	Black, Green, Red
M13304	4	0.185	4.70	0.032	0.81	O
M13305	5	0.200	5.08	0.032	0.81	O
M13306	6	0.215	5.46	0.032	0.81	O
M13307	7	0.215	5.46	0.032	0.81	O
M13308	8	0.230	5.84	0.032	0.81	O
M13309	9	0.246	6.25	0.032	0.81	O
M13310	10	0.264	6.71	0.032	0.81	O
M13312	12	0.272	6.91	0.032	0.81	O
M13315	15	0.310	7.87	0.040	1.02	F
M13320	20	0.342	8.69	0.040	1.02	F
M13325	25	0.380	9.65	0.040	1.02	F
M13330	30	0.401	10.19	0.040	1.02	F
M13340	40	0.445	11.30	0.040	1.02	F
M13350	50	0.498	12.65	0.045	1.14	F

UL AWM 2464, UL CM, PVC Insulation

20 AWG (0.56 mm²)

Stranding: 7/28 (7 x 0.32 mm)
Insulation thickness: 0.013 (0.33 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness		Color Code
		Inch	mm	Inch	mm	
M13404	4	0.219	5.56	0.032	0.81	O
M13405	5	0.238	6.05	0.032	0.81	O
M13407	7	0.257	6.53	0.032	0.81	O
M13409	9	0.303	7.70	0.035	0.89	O
M13412	12	0.336	8.53	0.035	0.89	O
M13415	15	0.374	9.50	0.040	1.02	F

UL AWM 2509, UL CMG, PVC Insulation

20 AWG (0.56 mm²)

Stranding: 7/28 (7 x 0.32 mm)
Insulation thickness: 0.016 (0.41 mm)
Color Code J

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
M13402	2	0.180	4.57	0.020	0.51

