Product: M33410

AUDIO, 10C #20, Str, PVC, 300 V, AWM/STYLE 2509 80C, CMG 75C, CSA C(UL) TYPE CMG, CSA FT4

Product Description

AUDIO, 10 Conductor 20 AWG (7/28) TC - Tinned Copper, PVC Insulation, Slate PVC Outer Jacket, AWM/STYLE 2509 80C, CMG 75C, CSA C(UL) TYPE CMG, CSA FT4 C(UL) TYPE CMG, FT4 UL FT4; CSA FT4

Technical Specifications

Product Overview

Suitable Applications:	Data, communication, audio, and low-level signal transmission; industrial networking, serial communication, control panels, automation equipment, and instrumentation systems.

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	10	20 AWG	7x28	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.070 in (1.8 mm)	Black, Red, White, Green, Orange, Blue, Brown, Yellow, Violet, Slate

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	0.320 in (8.13 mm)

Overall Cable Diameter (Nominal):	0.320 in (8.13 mm)

Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Inductance
Conductor(s)	31 pF/ft (100 pF/m)	0.19 µH/ft (0.62 µH/m)

Voltage

UL Voltage Rating
300 V (CMG, AWM 2509)

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C To +80°C

Bend Radius

Stationary Min.
3.2 in (81 mm)

Max. Pull Tension:	10.8 lbs (4.90 kg)

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2509
CEC / C(UL) Compliance:	CMG.
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	Alpha Wire -* P/N M33410 10C 20 AWG EXXXXXX 75C CMG (UL) C(UL) OR AWM STYLE 2509 CE ROHS

History

Update and Revision:	Revision Number: 0.19 Revision Date: 08-29-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length
M33410 SL005	Slate	Reel	100 ft
M33410 SL002	Slate	Reel	500 ft
M33410 SL001	Slate	Reel	1,000 ft

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