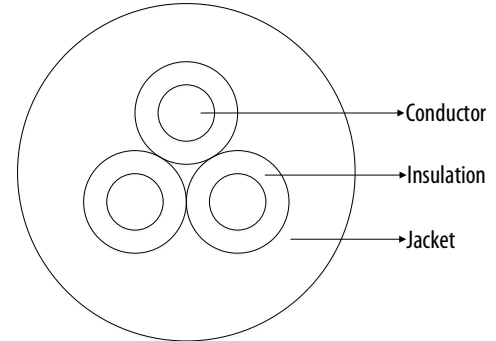


# 22/3C Solid Tinned Copper CL2 PVC Cable



PRODUCT DATA SHEET

General purpose power limited cable for residential or commercial meter connections. Not to be used in a plenum, riser or direct burial.



Design Number 10822  
Part Number 32193689  
Customer Number N/A

## CONSTRUCTION

**Conductor:** Solid tinned copper  
**Conductor Size:** 22AWG, Solid  
**Insulation: Material** Flame Retardant Polypropylene  
**Insulation Thickness:** 0.010" (Nom.)  
**Insulated Conductor O.D:** 0.050" (Nom.)  
**Assembly:** 3 cores cabling  
**Lay Length:** 2.0" (Nom.)  
**Jacket Material:** Polyvinyl Chloride (Pressure extruded - Solid)  
**Jacket Thickness:** 0.020"(Nom.)  
**Overall Diameter:** 0.150"± 0.008"  
**Jacket Color:** Gray

### Print Legend:

ASCENT E502698 \*\* TYPE CL2 C(UL) 22 AWG 3/C, TYPE CMH FT1  
mm/yy XXXXX FEET

Note: "\*\*\*" is Factory Code, mm/yy is month and year, XXXXX is FEET length

Color Code: 1. Red 2. Black 3. Green

## ELECTRICAL&MECHANICAL CHARACTERISTICS

**Operating Temperature (°C):** -20°C to +75°C  
**Max. Operating Voltage:** 150 Volts rms  
**Nom. Conductor Resistance @ 20°C per conductor:** 16.4 ohms/1000FT  
**Nom. Capacitance Between Conductors@1 kHz:** 16.5 pF/FT  
**Max. Continuous Current Per Conductor@25°C:** 5 Amps  
**Max. Pulling Tension:** 23.5 LBS  
**Min. Bend Radius:** 1.5"  
**Nominal Weight per 1000FT:** 18.7 LBS

## SAFETY CHARACTERISTICS

**Approval:** UL Standard 13 Type CL2  
**Flame Resistance Test:** UL 1581 Vertical Tray, IEEE 383  
**RoHS Compliant**

**Application:** Primarily used for power limited circuits, such as thermostats, air conditioning, heat pumps, bell and alarm systems, signal systems, door bells and remoted control units

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Revision History		
00	2023/07/06	initial release
01	2023/07/11	EEE 383 flame test and Lay length are added
02	2024/06/27	The overall OD and print legend are adjusted
Created L. Jian	Approved A. Huang	

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