

# **Product Data Sheet**







Part Number: C2831A Revision: 6/10/2022

3C 18AWG PVC, UNSH, PVC COMMUNICATIONS CABLE

A. <u>CONSTRUCTION</u> <u>DIAMETERS (Nominal)</u>

Conductor: #18 AWG (16/30) Tinned Copper 0.046"
Insulation: .016" Wall, 105°C Polyvinyl Chloride (PVC) 0.078"
Cable Assembly: 3 Conductors cabled with a LHL 0.168"

Lay Length: Inches: 4.00 Twists/Foot: 3.0

Jacket: .032" Wall, 105°C Polyvinyl Chloride (PVC) 0.232"

Sequential Footage: Yes

Print Legend: PRYSMIAN GROUP CAROL(R) 18 AWG -- C2831A - 105C E105765-H CM (UL)

C(UL) OR AWM STYLE 2464/2576 --- CSA LL69381 CMG 105C -- ORIGIN USA

(DATE CODE) (TRU SEQ FT - ASC - 1000 - 2) (PRINT EVERY 2 FT)

## B. INDUSTRY APPROVALS

National Electrical Code Article 800
UL Standard 444 Type CM

UL Standard 758 AWM 2464/2576

CSA International Type CMG

EU Directive 2015/863/EU (RoHS-3) REACH Compliant

## C. <u>ELECTRICAL PROPERTIES</u>

Temperature: -20°C to +105°C
Suggested Working Voltage: 300 Vrms (Max)

Conductor DCR: 6.92 Ohms/1000ft (Max) @ 20°C

Capacitance (Cond-Cond): 30.5 pF/ft (Nom) @ 1MHz

Charateristic Impedance: 70.6  $\Omega$  (Nom.)

### D. COLOR CODE

COND	COLOR
1	BLACK
2	WHITE
3	RED

### **JACKET COLOR**

BLACK	GREEN	LIGHT BLUE
WHITE	BLUE	BEIGE
RED	BROWN	PURPLE
ORANGE	GRAY	NATURAL
YELLOW	PINK	

Ξ.	<b>CUSTOMER APPROVAL</b>	
	Signature:	Date:

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