

UNITRONIC® 190 CY

UDB602802SEN

Date: January 1, 2019

1. APPLICATION

UNITRONIC® 190 CY is a multi-conductor cable for communication, signal, and control applications. It is designed for general purpose installations of electrical machinery. The shield consist of an overall foil tape & tinned copper braid for RFI & EMI protection.

Applications:

RS-232; data buses; process control instrumentation; low-voltage signaling and interconnect

Underwriters Laboratories

For Communications, Appliance Wiring Material and internal or external wiring of electrical and electronic equipment applications.

Canadian Standards

For Communications, Appliance Wiring Material and internal or external wiring of electrical and electronic equipment applications.

2. CABLE DESCRIPTION

- Tinned copper fine wire
- Specially Blended PVC insulation
- Color coded conductors
- Overall Foil with TC Drain wire and TC Braid Shield
- Gray UV, oil and flame resistant Specially Formulated PVC jacket

3. TECHNICAL DATA

Conductor Stranding	28 AWG (0,09 mm ²) to 22 AWG (0,35 mm ²): 7 - strand	
Design / Make-up	Cable is designed in accordance with the requirements of UL Standards 13, 444 and 758; and with CSA standards C22.2 No. 214 & No. 210	
Insulation	Specially Blended PVC insulation	
Color Code	Lapp USA Color Chart 2	
Shield	Tri-laminated Foil with Tinned Copper Drain Wire and Tinned Copper Braid Shield (85% coverage)	
Outer Sheath	Specially Formulated PVC jacket	
Nominal Voltage	UL / CSA:	300V
	IEC:	Not for power applications
Test Voltage	1500V	
Min Bend radius	For installation:	6 x OD
Temperature Range	For stationary use:	-40°C to +105°C
	For flexible use:	-25°C to +105°C
Cable Attributes	OR-02, FR-03, FL-01, MP-01 Sunlight resistant	

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Approvals

UL AWM 2661 (Appliance Wiring Material) per UL 758
UL PLTC (Power Limited Tray Cable) per UL 13
(22 AWG only)
UL CMG (Communications Cables) per UL 444
CSA CMG per CSA C22.2 No. 214
CSA AWM II A/B FT4 per CSA C22.2 No. 210

Additional

NEC Article 725 (PLTC) and 800 (CMG)
NFPA 79
RoHS directive