

Part Number: C2830A

Revision: 5/6/2022

2C 18AWG PVC, UNSH, PVC

COMMUNICATIONS CABLE

A. CONSTRUCTION

DIAMETERS (Nominal)

| | | |
|---------------------|---|-------|
| Conductor: | #18 AWG (16/30) Tinned Copper | .046" |
| Insulation: | .016" Wall, 105°C Polyvinyl Chloride (PVC) | .078" |
| Cable Assembly: | 2 Conductors cabled with a LHL | .156" |
| Lay Length: | Inches: 6.00 Twists/Foot: 2.0 | |
| Jacket: | .016" Wall, 105°C Polyvinyl Chloride (PVC) | 0.188 |
| Sequential Footage: | Yes | |
| Print Legend: | <i>PRYSMIAN GROUP CAROL(R) 18 AWG -- C2830A - 105C E105765-H CM (UL) C(UL) --- CSA LL69381 105C CMG -- ORIGIN USA (DATE CODE) (TRU SEQ FT - ASC - 1000 - 2) (PRINT EVERY 2 FT)</i> | |

B. INDUSTRY APPROVALS

| | |
|-----------------------------------|---------------------|
| National Electrical Code | Article 800 |
| UL Standard 444 | Type CM 105°C 300V |
| CSA International | Type CMG 105°C 300V |
| EU Directive 2015/863/EU (RoHS-3) | REACH Compliant |

C. ELECTRICAL PROPERTIES

| | |
|----------------------------|-------------------------------|
| Temperature: | -20°C to +75°C |
| Suggested Working Voltage: | 300 Vrms (Max) |
| Conductor DCR: | 6.92 Ohms/1000ft (Max) @ 20°C |
| Capacitance (Cond-Cond): | 30.5 pF/ft (Nom) @ 1kHz |
| Charateristic Impedance: | 70.6 Ω (Nom.) |

D. COLOR CODE

| COND | COLOR |
|------|-------|
| 1 | Black |
| 2 | Red |

JACKET COLOR

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

E. CUSTOMER APPROVAL

Signature: _____

Date: _____

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