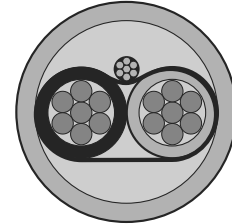


BINARY INPUT (BI) 18-2C PLENUM

PART NO.	CBL-18/2ORG-PLN
Description	18/2 shielded plenum communications cable
Construction	This cable consists of a) two bare copper-insulated conductors with an overall shield and drain wire and b) an overall jacket. The cable has a rip cord for easy jacket removal.
Approvals	UL Standard 444, NEC Article 800–CMP, CE, RoHS

CONSTRUCTION PARAMETERS

Conductor and Stranding	18 AWG bare copper, 7x26
Insulation Material and Thickness	Low smoke PVC, 0.009"
Number of Conductors	2
Shield	Alum/poly, 100% coverage
Drain	20 AWG 7x28 tinned copper
Jacket Material and Thickness	Low smoke PVC, 0.015"
Overall Cable Diameter	0.162" nominal
Approximate Cable Weight	21.4 lbs/1,000 ft
Flame Rating	UL: UL 910/NFPA 262 c(UL): FT6



ELECTRICAL AND ENVIRONMENTAL PROPERTIES

Temperature Rating	0 °C to 75 °C
Operating Voltage	300 V rms maximum
Capacitance Between Conductors @ 1 kHz	70 pF/ft nominal
Nominal Conductor DC Resistance @ 20 °C	6.4 ohms/1,000 ft
Maximum Recommended Current	5 amps per conductor @ 25 °C

APPEARANCE AND PACKAGING

Insulation Colors	Black, orange
Jacket Color	Orange
Legend (Surface Ink Print)	Johnson Controls MetaSys-Binary Input Cable (BI) 18 AWG (UL) TYPE CMP C (UL) TYPE CMP FT6 Northflex
Packaging	Available in 1,000-foot reels and pull-out boxes. The jacket is sequentially footmarked.