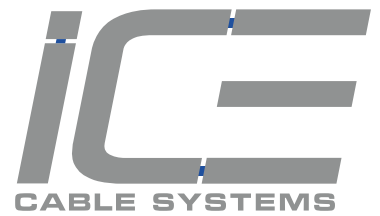


Product Specification

ICE-CONTROL-YELLOW

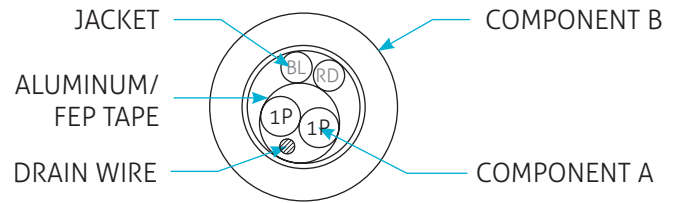


Packaging



Box 500 Ft.

Cross Section



Description

ICE-CONTROL-YELLOW 18AWG.

Description

Rated Voltage (V)	300
Rated Temperature (°C)	75
Product Standard Certification	(UL) CL3P C(UL) CMP
Flame test	UL 910 NFPA 262 CSA FT6

Application

Telephone and other communication circuits such as voice, data, and audio for on-premise customer systems.

Reference Standard:

UL 444 & UL 13

Performance

Electrical Characteristics (20°C)

Max. Conductor DC Resistance (Ω/KM)	22AWG: 53 18AWG: 22.1
Mutual Capacitance (For 22AWG Pair):	12.5 ±1.5 pF/FT
Voltage	300V
Impedance	105±15Ω
Typical Value	95Ω@TDR
Temperature	-10°C to 75°C

Mechanical Characteristics

Test Object	Jacket
Test Material	CMP-PVC
Before Aging Tensile Strength	≥1.05 (kgf/mm ²)

Construction

Conductor	Stranded Bare Copper
Component A: (1 pair)	2C
AWG	22
Construction (±0.007mm)	7/0.254
Stranded Dia. (mm)	0.77
Insulation	FOAM PEP
Nom. Thickness (mm)	0.48
Insulation Dia. (±0.05mm)	1.73
Shield	FEP Tape
Coverage(%)	≥ 125%
Drain Wire (Stranded Tinned Copper)	7/0.20T
Shield	Aluminum/FEP Tape, White Foil Facing
Coverage(%)	125%
Component B:	2C
AWG	18
Construction (±0.007mm)	16/0.254
Stranded Dia. (mm)	1.20
Insulation	CMP-PVC
Nom. Thickness (mm)	0.23
Insulation Dia. (±0.05mm)	1.65
Jacket	CMP-PVC
Nom. Thickness (mm)	0.38
Outer Dia. (±0.15mm)	5.36

Insulation/Conductor Colors

Insulation:	1P: White & Blue 2C: Red Black
-------------	-----------------------------------

Jacket Colors: Green (Pantone 326U) with Yellow (Pantone Yellow C) stripe

Marking

Jacket Marking (black)

ICE CABLE SYSTEMS CONTROL YELLOW PLENUM 18AWG 2C +22AWG 2C SHIELDED E301442-22 (UL) CL3P 75° E312434-22(UL) C(UL) TYPE CMP 75°C RoHS XXX/XXXFT



CL3 FT4

Sequential footmarks applied every four feet in conjunction with the print legend. "XXX/XXX" Stands for Length. eg: 000/1000; 004/0996; 008/0992.