

## VIA-COMP-G001-YL

### CABLE CONSTRUCTION



#### Components

- 1 x 18 AWG 6 Core (READER IN)
- 1 x 18 AWG 6 Core (READER OUT)
- 1 x 20 AWG 4 Core (DOOR CONTACT)
- 1 x 20 AWG 4 Core (REQUEST TO EXIT)
- 1 x 18 AWG 2 Core (ELECTRIFIED LOCK)
- 1 x 24 AWG 8 Core (AUX MONITORING)

#### Layup

6 Units Laid Up

#### Binding and Separation

Aluminium Tape

#### Ripcord

Installed beneath sheath to aid stripping during installation

#### Inner Sheath

Extruded LSZH (Low Smoke Zero Halogen)

#### Inner Sheath Colour

White

#### Outer Sheath

Extruded LSZH (Low Smoke Zero Halogen)

#### Outer Sheath Colour

Yellow

#### Print Legend

VIA-COMP-G001-YL [REF NO][CPR CLASSIFICATION][CE]  
 [METER MARK][YEAR]

#### Physical Properties

Minimum Bend Radius	8 x Overall Diameter
Operating Temperature Range	-40°C to +70°C

#### Electrical Characteristics

Maximum Voltage	300v
-----------------	------

#### Nominal Dimensions

Outer Sheath Diameter	16.0	+/-1 mm
-----------------------	------	---------

#### CPR Classification

B2ca

### READER IN



#### Conductors

18 AWG Stranded Copper

#### Core Insulation

Extruded LSZH (Low Smoke Zero Halogen)

#### Layup

6 Insulated Cores

#### Core Colours

Red, Black, Green, White, Orange, Brown

#### Screening

Aluminium Tape

#### Drain Wire

Tinned Copper

#### Ripcord

Installed beneath sheath to aid stripping during installation

#### Sheath

Extruded LSZH (Low Smoke Zero Halogen)

#### Sheath Colour

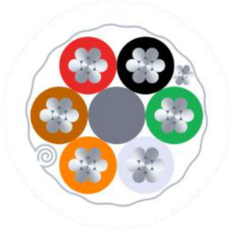
White

#### Print Legend

READER IN



## READER OUT



Conductors  
18 AWG Stranded Copper

Core Insulation  
Extruded LSZH (Low Smoke Zero Halogen)

Layup  
6 Insulated Cores

Core Colours  
Red, Black, Green, White, Orange, Brown

Screening  
Aluminium Tape

Drain Wire  
Tinned Copper

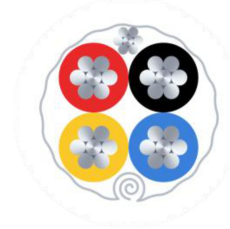
Ripcord  
Installed beneath sheath to aid stripping during installation

**Sheath**  
Extruded LSZH (Low Smoke Zero Halogen)

Sheath Colour  
White

Print Legend  
READER OUT

## DOOR CONTACT



Conductors  
20 AWG Stranded Copper

Core Insulation  
Extruded LSZH (Low Smoke Zero Halogen)

Layup  
4 Insulated Cores

Core Colours  
Red, Black, Yellow, Blue

Screening  
Aluminium Tape

Drain Wire  
Tinned Copper

Ripcord  
Installed beneath sheath to aid stripping during installation

**Sheath**  
Extruded LSZH (Low Smoke Zero Halogen)

Sheath Colour  
White

Print Legend  
DOOR CONTACT



## REQUEST TO EXIT



Conductors  
20 AWG Stranded Copper

Core Insulation  
Extruded LSZH (Low Smoke Zero Halogen)

Layup  
4 Insulated Cores

Core Colours  
Red, Black, Green, White

Screening  
Aluminium Tape

Drain Wire  
Tinned Copper

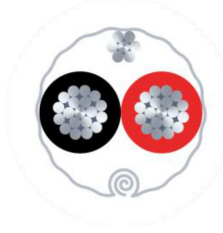
Ripcord  
Installed beneath sheath to aid stripping during installation

Sheath  
Extruded LSZH (Low Smoke Zero Halogen)

Sheath Colour  
White

Print Legend  
REQUEST TO EXIT

## ELECTRIFIED LOCK



Conductors  
18 AWG Stranded Copper

Core Insulation  
Extruded LSZH (Low Smoke Zero Halogen)

Layup  
2 Insulated Cores

Core Colours  
Red, Black

Screening  
Aluminium Tape

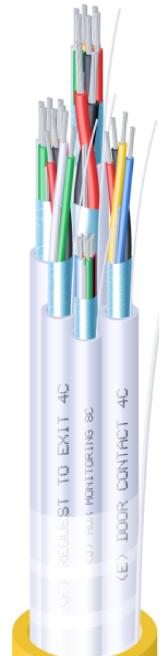
Drain Wire  
Tinned Copper

Ripcord  
Installed beneath sheath to aid stripping during installation

Sheath  
Extruded LSZH (Low Smoke Zero Halogen)

Sheath Colour  
White

Print Legend  
ELECTRIFIED LOCK



## AUX MONITORING



Conductors  
24 AWG Stranded Copper

Core Insulation  
Extruded LSZH (Low Smoke Zero Halogen)

Layup  
8 Insulated Cores

Core Colours  
Black, Green, Blue, Orange, Yellow, Brown, White, Red

Screening  
Aluminium Tape

Drain Wire  
Tinned Copper

Ripcord  
Installed beneath sheath to aid stripping during installation

Sheath  
Extruded LSZH (Low Smoke Zero Halogen)

Sheath Colour  
White

Print Legend  
AUX MONITORING

