

## General

## RR4799U

**Part no** CQ9Y016X02USY



**Product Description** EC Plain Copper conductor PP insulated PVC sheathed 2 X 16 AWG non-shielded cable for 300 V application  
**Application** Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits  
**Size** 2 X 16 AWG  
**Standard packing length** 305 ± 5% mtr or As per customer's requirement

## Cable Constructional Details

## CONDUCTOR

**Conductor material** EC Plain Copper conductor **No of strands** 19

## INSULATION

**Insulation material** Polypropylene **Insulation thickness** 0.2 mm  
**Core color** Black, White **Core diameter** 1.90 mm

## SHIELD

**Material** Not Applicable **Thickness** Not Applicable  
**Overlap** Not Applicable **Drain wire** Not Applicable  
**Type** Non- Shielded **Dia over shield** Not Applicable

## OUTER SHEATH

**Material** PVC TM 2 (EN 50363-4.1) **Thickness** 0.43 mm  
**Approx. Cable diameter** 5.8 mm **Sheath color** Grey (RAL 7001)  
**Rip cord** Available under the sheath **Print on cable** RR KABEL CQ9Y016X02USY 2 X 16 AWG 300 V REACH RoHS CE MADE IN INDIA +0001 M  
**Inherent properties** Not applicable **HCL/IEC 60754-1** Not applicable  
**PH value** Not applicable **Conductivity** Not applicable

## Electrical Parameters

**D.C conductor resistance of conductor** 13.7 Ω/km **Nom. Capacitance core to core @ 1 KHz** 75 pF/m  
**D.C conductor resistance of Drain wire** Not Applicable **Nom. Capacitance core to Screen @ 1 KHz** Not Applicable  
**High Voltage** 2 kV/ 1 min **Voltage rating** 300 V

## Mechanical Parameters

**Minimum bending radius (Static)** 10 x D **Static Temperature** -20°C to +75°C

## Compliances

**LVD** 2014/35/EU **REACH** EC/1907/2006  
**Flammability IEC 60332-1-2** Min. affected portion/50 mm **RoHS** 2011/65/EU

## History

Although RR KABEL makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice.

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