

General

RR4799F



Part no	CQ9Y016X02OSY
Product Description	EC Plain Copper conductor PP insulated PVC sheathed 2 X 16 AWG Overall shielded cable for 300 V application
Application	Intercom/PA Systems, Sound/Audio Systems
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
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INSULATION

Insulation material	Polypropylene	Insulation thickness	0.2 mm
Core color	Red, Black	Core diameter	1.9 mm

SHIELD

Material	Bi-laminated AL. Mylar tape	Thickness	25 Microns
Overlap	40%	Drain wire	24 AWG (7 str) ATC
Type	Overall Shielded	Dia over shield	3.9 mm

OUTER SHEATH

Material	PVC TM 2 (EN 50363-4.1)	Thickness	0.43 mm
Approx. Cable diameter	4.7 mm	Sheath color	Grey (RAL 7001)
Rip cord	Available under the sheath	Print on cable	RR KABEL CQ9Y016X02OSY 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	190 pF/m
D.C conductor resistance of Drain wire	94.2 Ω/km	Nom. Capacitance core to Screen @ 1 KHz	375 pF/m
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
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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.

Update and Revisions: 00 Date: 07/07/2022