

General

RR4699F



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|--------------------------------|---|
| Part no | CS9Y018X02OSY |
| Product Description | EC Plain Copper conductor PP insulated PVC sheathed 2 x 18 AWG Overall shielded cable for 300 V application |
| Application | Intercom/PA Systems, Sound/Audio Systems |
| Size | 2 x 18 AWG |
| Standard packing length | 305 ± 5% or As per customer's requirement |

Cable Constructional Details

CONDUCTOR

| | | | |
|---------------------------|---------------------------|----------------------|---|
| Conductor material | EC Plain Copper conductor | No of strands | 7 |
|---------------------------|---------------------------|----------------------|---|

INSULATION

| | | | |
|----------------------------|---------------|-----------------------------|--------|
| Insulation material | Polypropylene | Insulation thickness | 0.2 mm |
| Core color | Red, Black | Core diameter | 1.6 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 | 3.3 mm |

OUTER SHEATH

| | | | |
|-------------------------------|----------------------------|-----------------------|--|
| Material | PVC TM 2 (EN 50363-4.1) | Thickness | 0.43 mm |
| Approx. Cable diameter | 4.3 mm | Sheath color | Grey (RAL 7001) |
| Rip cord | Available under the sheath | Print on cable | RR KABEL CS9Y018X02OSY 2 x 18 AWG 300 V REACH RoHS CE MADE IN INDIA +0001 M |

Electrical Parameters

| | | | |
|---|-------------|--|----------|
| D.C conductor resistance of conductor | 21.8 Ω/km | Nom. Capacitance core to core @ 1 KHz | 175 pF/m |
| D.C conductor resistance of Drain wire | 94.2 Ω/km | Nom. Capacitance core to Screen @ 1 KHz | 315 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 |
|--|--------|---------------------------|----------------|

Compliances

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

History