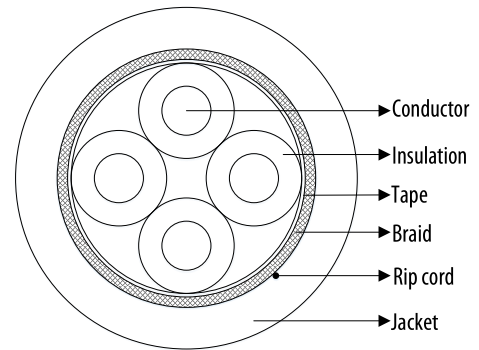


# 30AWG/4C Screened Cable



PRODUCT DATA SHEET

The screened cable can ensure complete confidence with safety and reliability situations. It is fully insulated within a black PVC sheath, fully protecting it from the elements. Within the PVC cover itself, the multicores are protected by a tinned copper braid, ensuring that any damage to the cable from everyday activities will be non-existent.



**Design Number** 10304  
**Part Number** 32052503  
**Customer Number** N/A

**Color Code:** Red, Blue, Green, Yellow

## CONSTRUCTION

**Conductor:** Stranded tinned copper  
**Conductor Size:** 30AWG (7/0.10mm)  
**Insulation Material:** PVC  
**Insulation Thickness:** 0.20mm (Nom.)  
**Insulated Diameter:** 0.70mm (Nom.)  
**Tape:** Mylar  
**Braid:** 16/5/0.10mm, Tinned copper, coverage 91% (nom.)  
**Rip cord:** Nylon (250D)  
**Jacket Material:** PVC  
**Jacket Thickness:** 0.45mm (Nom.)  
**Overall Diameter:** 3.20±0.1mm (Nom.)  
**Jacket Color:** Black

**Print Legend (3 times/m):** RS 6600388 7-1-4C

## ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** -20°C to +80°C  
**Operating Voltage:** 300V  
**Conductor DC Resistance@20°C:** 345 Ω/km Max  
**Insulation DC Resistance@20°C:** 10 MΩ.km Min  
**Dielectric Test:** AC 1.0 kV/ 1min  
**Current Rating:** 0.25 A  
**Minimum Bending Radius:** 8x Cable Ø  
**Flammability Test:** IEC 60332-1

## SAFETY CHARACTERISTICS

**Reference Standard:** Defence Standard 61-12 Part 4 & 5  
**RoHS Compliance:** European Directive 2015/863/EU

**Application:** Entertainment and audio industry, machine and factory control equipment, conveyor belts

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Revision History		
00	2020/05/28	Initial release
Created L. Jian	Approved A. Huang	

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