

Technical Specifications

Product Line: RVSPK122

Description

2 conductor 12 AWG stranded, twisted, and unshielded cable NEC type CL3R and CEC type CMG FT4 for Audio Only. Euro CPR Eca compliant. Product manufactured compliant to the requirements of UL13 for installations and applications in accordance with NEC article(s) 725, 800, and 760.

Conductor

12 AWG
 105-strand annealed bare copper conductors
 Diameter: 0.093" | 2.36mm

Electrical

DC resistance: 1.65 Ω / 1000' | 5.41 Ω /KM
 Mutual capacitance: 38.58 pF/FT | 126.53 pF/M
 Impedance: 27 Ω
 Inductance: 0.19 μ H/FT | 0.62 μ H/M
 Velocity of Propagation: 55%
 Voltage rating: 300V
 Maximum current: 12A@25°C

Insulation

Polyvinyl chloride
 Wall thickness: 0.012" | 0.30mm
 Diameter: 0.117" | 2.97mm

Regulatory

NEC: CL3R 60°C
 CEC: CMG FT4 For Audio Only 60°C
 Eurospec CPR Eca
 EU RoHS III 2015/863/EU Compliant
 REACH (EC) No 1907/2006 Compliant

Color Code

Black, Red

Packages

Nested Box: 500' | 152M
 Weight: 63 Lbs/1000' | 94 Kg/KM

Assembly

2 conductors twisted
 Lay length: 3.0" | 80mm
 4.0 twists per foot | 12.5 twists per meter

Installation

Pull Tension: 98 Lbs | 436 N
 Bend radius: 2.76" | 70mm unloaded
 Bend radius: 5.54" | 140mm loaded

Construct

Ripcord under jacket

Applications

Riser commercial and residential speaker level audio
 Riser 70V commercial speaker audio
 Riser Class 2 and 3 power

Shield

N/A

Performance

Speaker level audio to 120 feet

Jacket

Flame rated polyvinyl chloride
 Colors: White, Black
 Wall thickness: 0.020" | 0.50mm
 Diameter: 0.276" | 7.00mm

Final Outside Diameter (inches)

0.276

Specification Revision Date:

February 7, 2020