

Pro Co 224SM

Description: 2 conductors 24 AWG stranded bare copper, polypropylene insulated,
overall braid shielded, PVC jacketed microphone cable
RHC Part Number: 224SM

1. Conductor

- 1.1 AWG Size and Stranding: 24 AWG 105 strands 44 AWG
- 1.2 Material: Bare annealed copper

2. Insulation

- 2.1 Material: Polypropylene
- 2.2 Wall Thickness: .010" nominal
- 2.3 Diameter: .044" +/- .002"

3. Color Code

- 3.1 Code: Blue paired with red

4. Assembly

- 4.1 Lay Length: 1 3/4" maximum left hand
- 4.2 Fillers: Jute as required

5. Shield

- 5.1 Material: Bare annealed copper braid
- 5.2 Coverage: 80% nominal

6. Jacket

- 6.1 Material: Matte finish polyvinyl chloride, color as specified
- 6.2 Color: Black
- 6.3 Wall Thickness: .035" nominal
- 6.4 Diameter: .175 +/- .005"

7. Markings

- 7.1 Type: Surface printing in white ink
- 7.2 Legend: PRO CO 224SM MADE IN USA

Stylized as per the photo

8. Electrical Specifications

- 8.1 Capacitance Between Conductors: 32 pF/ft @ 1 kHz
- 8.2 Capacitance Conductor to Shield: 58 pF/ft @ 1 kHz
- 8.3 Characteristic Impedance: 45 ohms @ 1 MHz
- 8.4 Resistance at 20C: 15 ohms/1000 ft.

Dr. No.: 0712A-2

By: TRM

Date: 05/10/04

Page 1 of 1