



Description: 1 Pair 24 AWG Foam PE Insulation, Overall Alum/Polyester Shield and a Pressure Extruded PVC Jacket.

A. Construction:

- 1.0 Conductor: 24 AWG 19/36 Tinned Copper; OD: .025” Nom.
- 2.0 Insulation: .021” Wall Foam HD Polyethylene; OD: .067” Nom.
- 3.0 Color Code: Black, Red
- 4.0 Drain Wire: 24 AWG 7/32 Tinned Copper
- 5.0 Shield: Alum / Polyester Tape, Foil Side In, 25% Overlap
- 6.0 Jacket: .020” Wall, Pressured Flexible PVC; Color: Purple
OD: 0.180” +/- .005”
- 7.0 Marking: Ink Jet printed in white ink:
“ | Entertainment Metals Inc. – EM01D – High Bandwidth 24 AWG
110 ohm Digital Audio Single Pair (800) 817-2683 | “

Note: Hash marks are at 1 Ft. intervals.
Print legend to be centered between the hash marks.

B. Electrical & Physical Characteristics:

- 1.0 Conductor DCR: 26.38 Ω / 1000 Ft. Nom.
- 2.0 Impedance: 110 ± 10 Ω
- 3.0 Mutual Capacitance: 12.0 PF/FT Nom.
- 4.0 Temp. and Voltage Rating: -35C to +80C /150V Max.
- 5.0 Min. Bend Radius: 1 5/8”

C. Compliance: RoHS Compliant

R E V	DATE	CHANGE DETAIL		General Cable 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122	
		EMI P/N EM01D			
			Title:	EO24P0017568 1/Pr 24 AWG 110 Ohm Shielded Cable	
			Description:		
C	10/25/13	Revise dia from .170 to .180 and 19/36/ GT	Eng Approval:		
B	05/22/13	Remove mylar & chg dw-DB			
A	05/15/13	First Release-DB	Final Approval:	GT.	
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