

Technical Data Sheet

Analog Multi-pair Audio Cables



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PART NUMBER:	WP45424
DESCRIPTION:	24 Pair 22Awg. Stranded tinned copper conductors, individually shielded and jacketed pairs with an Overall jacket.
NEC RATING:	CM, NEC Article 800
APPROVALS:	(UL) Listed
APPLICATION:	Indoor for: Post Production Facilities, Recording Studio, Sound, Audio.

Construction Parameters:

Conductor	22 AWG Tinned Copper
Stranding	7x30
Insulation Material	Polypropylene
Insulation Thickness	0.008" Nom.
Number of Conductors	48 (24 Pair)
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.030" Nom.
Overall Cable Diameter	0.925" Nom.
Approximate Cable Weight	440 Lbs/1M' Nom.
Flame Rating	UL 1685

Electrical & Environmental Properties:

Temperature Rating	-20deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	34 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	67 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	17 Ohms/1M' Nom.
Insulation Colors	1. Black, 2. Red
Jacket Color	See Chart
Overall Jacket Color	Black
RoHS Compliant	--

Color Code Chart

1.Brown	17.Brown/Blue
2.Red	18.Brown/Violet
3.Orange	19.Brown/Gray
4.Yellow	20.Brown/White
5.Green	21.Red/Orange
6.Blue	22.Red/Yellow
7.Violet	23.Red/Green
8.Gray	24.Red/Blue
9.White	
10.Black	
11.Tan	
12.Pink	
13.Brown/Red	
14.Brown/Orange	
15.Brown/Yellow	
16.Brown/Green	

Mechanical Properties:

Max. Recommended Pull Tension	452 lbs.
Min. Bend Radius (Install)	9.2"

Specification Issue Date: 7/06

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Standard Lengths are 1000ft.
 The Jacket is sequentially footmarked.
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