

Technical Data Sheet

Analog Multi-pair Audio Cables



2833 West Chestnut Street
 Washington, PA 15301
 Toll Free: (800) 245-4964
 Fax: (724) 222-6420
 www.westpenn-wpw.com

PART NUMBER:	WP45416
DESCRIPTION:	16 Pair 22 Awg 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	32
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.030" Nom.
Overall Cable Diameter	0.745" Nom.
Approximate Cable Weight	306 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
- 2.Red
- 3.Orange
- 4.Yellow
- 5.Green
- 6.Blue
- 7.Violet
- 8.Gray
- 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	308 lbs.
Min. Bend Radius (Install)	7.4"

Specification Issue Date: 7/06

This document is the property of West Penn Wire.
 The information contained herein is considered
 Proprietary and not to be reproduced by any means
 Without written consent of West Penn Wire

Standard Lengths are 1000ft.
 The Jacket is sequentially footmarked.
 The information presented here is, to the best of our
 knowledge, is true and accurate. However, since
 conditions of use are beyond our control, all
 recommendations or suggestions are presented
 without guarantee or responsibility on our part. We
 disclaim all liability in connection with the use of
 information contained herein or otherwise.