Product: 8408



Microphone Cable, 2 Conductor 16 AWG, TC, CPE Jkt

Product Description

Microphone Cable, 2 Conductor 16 AWG stranded (65x34) high-conductivity tinned copper conductors, EPDM rubber insulation, rayon braid, tinned copper braid shield (85% coverage), cotton wrap, CSPE - Chlorosulphonated Polyethylene heavy-duty jacket.

Technical Specifications

Product Overview

Suitable Applications:	Ruggedized, deployable microphone for studio or live performance; Balanced analog audio

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	16	65x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.037 in (0.94 mm)	0.133 in (3.38 mm)	Black, White

Outer Shield

Shield Type	Material	Coverage
Braid	Rayon®	85%
Braid	Tinned Copper (TC)	85%

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Cotton Serve	CSPE - Chlorosulphonated Polyethylene	0.040 in (1.0 mm)	0.38 in (9.7 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Conductor(s)	4 Ohm/1000ft	30 pF/ft (98 pF/m)	55 pF/ft (180 pF/m)	59 Ohm	5.6 Amps per Conductor at 25°C (10°C Temperature Rise)

Nom Outer Shield DCR@Cond DCR1-cnv:	2.4 Ohm/1000ft (7.9 Ohm/km)

Voltage

Voltage Rating
600 V

Mechanical Characteristics

Temperature

Operating
-30°C To +60°C

Max. Pull Tension:	150 lbs (68 kg)
Bulk Cable Weight:	93 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	VW-1
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.467 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8408 001500	Brown	Reel	500 ft	612825355274	C

Footnote:	C - CRATE REEL PUT-UP.

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