



Product: [70066CH](#)



8 x QUAD SNAKE, 26AWG, FRNC/LSZH-C

Product Description

8 x QUAD SNAKE, 26AWG, FRNC/LSZH-C

Technical Specifications

Product Overview

Suitable Applications:	8 fold star-quad FRNC microphone cable
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Construction n x D
26	Stranded	BC - Bare Copper	19x0.10 mm

Conductor Count:	32
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Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene	1.15 mm	0.05 mm

Color Chart

Number	Color
Quad 1	White & Blue & White/Blue & Blue/White

Table Notes:	With ringmarking
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Color Chart 2

Number	Color
Quad 1	1
Quad 2	2
Quad 3	3
Quad 4	4
Quad 5	5
Quad 6	6
Quad 7	7
Quad 8	8

Inner Shield

Type	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D	Drainwire Position
Tape	Bi-Laminate (Alum+Poly)	100%	Stranded tinned copper	26	7x0.16 mm	Under shielding foil

Table Notes:	Aluminum inside
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Inner Jacket

Material	Color	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	Gray (like RAL 7001)	3.70 mm

Table Notes:	Elements are numbered 1-8 for identification
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Outer Jacket

Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	16.70 mm	0.50 mm	1.50 mm

Construction and Dimensions

Cabling

Description
1 center filler + 8 quads + 7 fillers + 1 stranded tinned copper drainwire (16AWG) (26x0.254 mm) covered with a non-woven foil

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
110.0 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
164 pF/m	222 pF/m

Voltage

Voltage Rating [V]
300 V

Temperature Range

Other Temp Range:	-30 to +70 °C
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Mechanical Characteristics

Min. Bend Radius During Installation:	167 mm
Min. Bend Radius During Operation:	250.5 mm

Standards

CPR Euroclass:	Dca-s2,d2,a1
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Dca
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Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2, IEC 60332-3-24
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	2.5 µS/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
70066CH.00500	Black	Reel	500 m	8719605010629
70066CH.001000	Black	Reel	1,000 m	8719605010605

History

Update and Revision:	Revision Number: 0.161 Revision Date: 12-19-2022
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