



Product: [70085LW](#) 

8 x QUAD SNAKE, 24AWG, LSZH / FRNC

Product Description

8 x QUAD SNAKE, 24AWG, LSZH / FRNC

Technical Specifications

Product Overview

Suitable Applications:	8 fold star-quad FRNC microphone cable
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Construction Details

Conductor

No. of Elements	Size	Material
8	24 AWG	BC - Bare Copper

Insulation

Element	Material	Nom. Insulation Diameter
Quad(s)	PE - Polyethylene	1.15 mm (0.0453 in)

Inner Shield Table Notes:	Aluminum inside
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Outer Shield

Drainwire Type
16 AWG (26x30) TC

Inner Jacket

Color
Gray

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

Material
LSZH - Low Smoke Zero Halogen (Flame Retardant)

Overall Cable Diameter (Nominal):	15.5 mm (0.610 in)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield
Quad(s)	82 ohm/km	180 pF/m (55 pF/ft)	240 pF/m (73 pF/ft)

Mechanical Characteristics

Temperature

Operating
-30°C To +70°C

Bend Radius

Installation Min.

300 mm (12 in)

Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Cca, Indoor
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Cca-s1,d1,a1; CPR UKCA Class: Cca-s1,d1,a1
European Halogen Free Standards:	IEC 62821-1 Halogen Free Compliance = Yes, 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, IEC 61034-2 - Smoke Density Min. Transmittance = 60%
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2)
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.102 Revision Date: 10-07-2026
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