



Product: [7785ANH](#)

7785ANH - Triax 14, 11 AWG Str SPC, SPC + BC Braids, LSZH-C Jkt



Product Description

Triax 14, 11 AWG (7x21) Stranded Silver plated Copper Conductor, PE Insulation, 80% Silver plated Copper Braid Shield, PE Insulation, 80% Bare Copper Braid Shield, LSZH Jacket. IEC 60332-3-24.

Technical Specifications

Product Overview

Suitable Applications:	Analog Video; Interconnect camera to CCU (camera control unit)
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Construction Details

Series Type:	Triax 8/11/14
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Conductor

No. of Elements	Size	Stranding	Nom. Diameter	Material
1	12 AWG	Stranded	2.2 mm	SC - Silvered Copper

Insulation

Element	Material	Nom. Insulation Diameter
Insulated Conductor	PE - Polyethylene (Foam)	9.7 mm (0.38 in)

Inner Shield

Shield Type	Material	Coverage
Braid	Silvered Copper (SC)	80%

Inner Jacket

Material	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	11.9 mm (0.469 in)

Outer Shield

Outer Shield Type	Material	Coverage
Braid	Bare Copper (BC)	80%

Outer Jacket

Material	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	14.5 mm

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.4 dB/100m
10 MHz	1.3 dB/100m
20 MHz	1.7 dB/100m
40 MHz	2.5 dB/100m
50 MHz	2.8 dB/100m
60 MHz	3.1 dB/100m
100 MHz	4.2 dB/100m

270 MHz	7 dB/100m
300 MHz	7.6 dB/100m
540 MHz	10.1 dB/100m
1000 MHz	14.3 dB/100m

Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
5.7 Ohm/km	6.4 Ohm/km (2.0 Ohm/1000ft)	4.1 Ohm/km (1.2 Ohm/1000ft)	55 pF/m (17 pF/ft)	75 Ohm	81%

Screening

Frequency	Min. Screening Attenuation
30 - 850 MHz	75 dB

Mechanical Characteristics

Temperature

Operating	Installation	Storage
-30°C To +70°C	-5°C To +70°C	-30°C To +70°C

Bend Radius

Stationary Min.
150 mm (5.9 in)

Max. Pull Tension:	550 N (120 lbf)
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Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
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
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.207 Revision Date: 12-19-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
7785ANH.01M30	Red	Reel	30 m	8719605014634
7785ANH.01M50	Red	Reel	50 m	8719605014658
7785ANH.01305	Red	Reel	305 m	8719605014580
7785ANH.01350	Red	Reel	350 m	8719605014597
7785ANH.01M365	Red	Reel	365 m	8719605014641
7785ANH.01500	Red	Reel	500 m	8719605014603
7785ANH.01600	Red	Reel	600 m	8719605014610
7785ANH.011000	Red	Reel	1,000 m	8719605014573

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