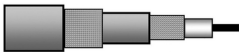




Product: [7783AF](#)

7783AF - Triax 8, RG-6, 18 AWG Str SPC, SPC + BC Braids, PVC Jkt



Product Description

Triax 8, RG-6, 18 AWG (7x28) Stranded Silver plated Copper Conductor, PE Insulation, 80% Silver plated Copper Braid Shield, PE Insulation, 80% Bare Copper Braid Shield, PVC Jacket.

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	14 AWG	Stranded	0.99 mm	SC - Silvered Copper

Insulation

Element	Material	Nom. Insulation Diameter
Insulated Conductor	PE - Polyethylene (Foam)	4.52 mm (0.178 in)

Inner Shield

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

Inner Jacket

Material	Nom. Diameter
PE - Polyethylene	6.6 mm (0.26 in)

Outer Shield

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

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	8.4 mm

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.6 dB/100m
10 MHz	2.2 dB/100m
20 MHz	3.2 dB/100m
40 MHz	4.6 dB/100m
50 MHz	5.1 dB/100m
60 MHz	5.6 dB/100m
100 MHz	7.5 dB/100m

300 MHz	13.8 dB/100m
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Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
32 Ohm/km	14 Ohm/km (4.3 Ohm/1000ft)	9 Ohm/km (2.7 Ohm/1000ft)	52 pF/m (16 pF/ft)	75 Ohm	83%

Screening

Frequency	Min. Screening Attenuation
30 - 1000 MHz	75 dB

Mechanical Characteristics

Temperature

Operating	Installation	Storage
-40°C To +70°C	-5°C To +70°C	-40°C To +70°C

Bend Radius

Stationary Min.
80 mm (3.1 in)

Max. Pull Tension:	250 N (56 lbf)
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Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	IEC 60332-1-2
European Directive Compliance:	EU CE Mark

History

Update and Revision:	Revision Number: 0.206 Revision Date: 04-08-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
7783AF.06500	Black	Reel	500 m	8719605014108
7783AF.04500	Red	Reel	500 m	8719605014078
7783AF.041000	Red	Reel	1,000 m	8719605014061

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