


**Product:** [7784AF](#) 

7784AF - Triax 11, 15 AWG Str SPC, SPC + BC Braids, PVC Jkt



## Product Description

Triax 11, 15 AWG (19x29) 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

Number of Element	Size	Stranding	Nom. Diameter	Material
1	15 AWG	Stranded	1.42 mm	SC - Silvered Copper

#### Insulation

Material	Nom. Insulation Diameter
PE - Polyethylene (Foam)	6.5 mm (0.26 in)

#### Inner Shield

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

#### Inner Jacket

Material	Nom. Diameter
PE - Polyethylene	8.5 mm (0.33 in)

#### Outer Shield

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

#### Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	11.3 mm

## Electrical Characteristics

### Attenuation

Frequency	Nom. Attenuation
1 MHz	0.5 dB/100m
5 MHz	1.1 dB/100m
10 MHz	1.7 dB/100m
100 MHz	5.6 dB/100m
360 MHz	11.5 dB/100m
750 MHz	17.1 dB/100m

### Electricals

Nom. Inner Shield DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
9 Ohm/km (2.7 Ohm/1000ft)	7 Ohm/km (2.1 Ohm/1000ft)	54 pF/m (16 pF/ft)	75 Ohm	82%

#### Screening

Frequency	Min. Screening Attenuation
30 - 850 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.
115 mm (4.53 in)

Max. Pull Tension:	270 N (61 lbf)
Bulk Cable Weight:	136 kg/km

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	IEC 60332-1-2

## History

Update and Revision:	Revision Number: 0.201 Revision Date: 04-08-2022
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## Part Numbers

#### Variants

Item #	Color	Putup Type	Length	EAN
7784AF.05500	Black	Reel	500 m	8719605014238
7784AF.04305	Red	Reel	305 m	8719605014207
7784AF.04500	Red	Reel	500 m	8719605014214
7784AF.041000	Red	Reel	1,000 m	8719605014191

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