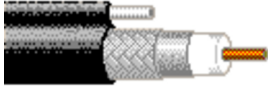


**Part Number: 1524AM**

CATV Video, RG11, 14 AWG BCCS, Foil + Braid, Messenger, PVC Jacket



## Product Description

CATV, Series 11, 14 AWG solid .064" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® II, aluminum braid shield (60% coverage), PVC jacket.

## Technical Specifications

### Product Overview

Environmental Space:	Outdoor - Aerial
----------------------	------------------

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
14	Solid	BCCS - Bare Copper Covered Steel	0.064 in	1
Conductor Count:			1	
Conductor Size:			14 AWG	

#### Insulation

Material	Nominal Diameter
Gas-injected FPE - Foam Polyethylene	0.28 in

#### Outer Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Aluminum/Polyester/Aluminum	Bonded Duofoil®	100 %
Braid	2	AL - Aluminum		60 %

#### Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	.400 x .580 in

### Construction and Dimensions

OuterJacket1, Messenger Diameter:	0.072 in
OuterJacket1, Messenger Material:	Galvanized Steel

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR	Outer Conductor DCR
11 Ohm/1000ft	4.1 Ohm/1000ft	4.1 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Shield	
16.2 pF/ft	
Shielding:	Multiple or Specialty

#### Inductance

Nominal Inductance
0.097 µH/ft

## Impedance

### Nominal Characteristic Impedance

75 Ohm

## Return Loss (RL)

### Frequency [MHz] | Min. Structural Return Loss (SRL)

5 - 1000 MHz | 20 dB

## Delay

### Nominal Delay | Nominal Velocity of Propagation (VP) [%]

1.2 ns/ft | 83 %

## High Freq

### Frequency [MHz] | Max. Insertion Loss (Attenuation)

5 MHz | 0.38 dB/100ft

55 MHz | 0.96 dB/100ft

211 MHz | 1.9 dB/100ft

270 MHz | 2.13 dB/100ft

300 MHz | 2.25 dB/100ft

350 MHz | 2.42 dB/100ft

400 MHz | 2.60 dB/100ft

450 MHz | 2.75 dB/100ft

550 MHz | 3.04 dB/100ft

750 MHz | 3.65 dB/100ft

870 MHz | 4.06 dB/100ft

1000 MHz | 4.35 dB/100ft

## Voltage

### Non-UL Voltage Rating

300 V RMS

## Temperature Range

Non-UL Temp Rating: 80°C

Operating Temp Range: -40°C To +80°C

## Mechanical Characteristics

Bulk Cable Weight: 78 lbs/1000ft

Max Recommended Pulling Tension: 220 lbs

Min Bend Radius/Minor Axis: 4 in

## Standards

RG Type: 11/U Type

Series Type: Series 11

RG / Series Type: Series 11

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive 2015/863/EU: Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2004-01-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

## Suitability

Suitability - Indoor: Yes

## Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

## Part Number

### Variants

Item #	Color
1524AM 0101000	Black

© 2018 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.