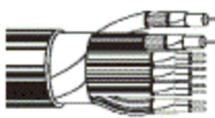


**Product: [1347A](#)**

**Composite Data, Audio, Video, Security and Control**
**Product Description**

Composites, 2 Coax 20 AWG BC, G1FPE insulation, TC braid 95% coverage, overall foil tape and 4 PR 22 AWG TC, PP insulation, bonded foil tape plus drain wire, overall CMR rating and PVC jacket.

**Technical Specifications**
**Product Overview**

Suitable Applications:	Electronic News Gathering (ENG), Electronic Field Production (EFP), Analog Audio + Digital Video Composite Applications, 2V + 4A
------------------------	----------------------------------------------------------------------------------------------------------------------------------

**Construction Details**

RG Type:	59
----------	----

**Conductor**

Element	No. of Elements	Size	Stranding	Nom. Diameter	Material
Coax(es)	2	20 AWG	Solid	0.034 in	BC - Bare Copper
Pair(s)	4	22 AWG	7x30	0.0285 in	TC - Tinned Copper

**Insulation**

Element	Material	Nom. Insulation Diameter	Color Code	Notes
Coax(es)	PE - Polyethylene (Foam)	0.145 in (3.68 mm)	White and Numbered	
Pair(s)	PP - Polypropylene	0.046 in (1.2 mm)	Black and Red and Numbered	
			Brown, Red, Orange, Yellow	colors mentioned here is for inner Jacket

**Inner Shield**

Element	Shield Type	Material	Coverage	Drainwire Type
Each Pair	Tape	Tri-Laminate (Alum+Poly+Alum)	100%	22 AWG (7x30) TC
Coax(es)	Braid	Tinned Copper (TC)	93%	
Tape	Tape	Tri-Laminate (Alum+Poly+PVC)	100%	22 AWG (7x30) TC

**Inner Jacket**

Element	Material	Nom. Diameter
Coax(es)	PVC - Polyvinyl Chloride	0.233 in (5.92 mm)

**Outer Shield**

Outer Shield Type	Material	Material Trade Name	Coverage
Tape	No Shield	Duofoil®	100%
Braid	Tinned Copper (TC)		95%
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%
	No Shield		

**Outer Jacket**

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.640 in
Overall Cable Diameter (Nominal):	0.640 in

**Electrical Characteristics**

#### Return Loss

Frequency	Min. Return Loss
5-850 MHz	20 dB
850-4500 MHz	15 dB

#### Attenuation

Frequency	Nom. Attenuation
1 MHz	0.3 dB/100ft
3.6 MHz	0.6 dB/100ft
5 MHz	0.63 dB/100ft
7 MHz	0.74 dB/100ft
10 MHz	0.9 dB/100ft
67.5 MHz	2.05 dB/100ft
71.5 MHz	2.1 dB/100ft
88.5 MHz	2.2 dB/100ft
100 MHz	2.3 dB/100ft
135 MHz	2.7 dB/100ft
143 MHz	2.8 dB/100ft
180 MHz	3.1 dB/100ft
270 MHz	3.8 dB/100ft
360 MHz	4.4 dB/100ft
540 MHz	5.5 dB/100ft
720 MHz	6.4 dB/100ft
750 MHz	6.5 dB/100ft
1000 MHz	7.6 dB/100ft
1500 MHz	9.3 dB/100ft
2000 MHz	10.9 dB/100ft
2250 MHz	11.6 dB/100ft
3000 MHz	13.4 dB/100ft
4500 MHz	16.4 dB/100ft

#### Electricals

Element	Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Outer Shield DCR	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
Coax(es)	11.3 Ohm/1000ft	13.93 Ohm/1000ft (45.70 Ohm/km)		75 Ohm	82%	8 Amps per Conductor at 30°C
Pair(s)	18.2 Ohm/1000ft (59.7 Ohm/km)	14.3 Ohm/1000ft (46.9 Ohm/km)	14.3 Ohm/1000ft (46.9 Ohm/km)	45 Ohm	66%	1.96 Amps per Conductor at 30°C

#### Voltage

UL Voltage Rating
300 V

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
60°C	-20°C to +60°C

##### Bend Radius

Stationary Min.	Installation Min.
6.40 in (163 mm)	6.40 in

Max. Pull Tension:	182.78 lbs (82.908 kg)
Bulk Cable Weight:	190 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4, IEEE 1202 FT4
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.466 Revision Date: 09-07-2025
----------------------	--------------------------------------------------

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1347A B59500	Black, Matte	Reel	500 ft	612825112358	C
1347A B591000	Black, Matte	Reel	1,000 ft	612825112341	C

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

© 2026 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 "AS IS" 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.