



Product: MRG5900 ☑

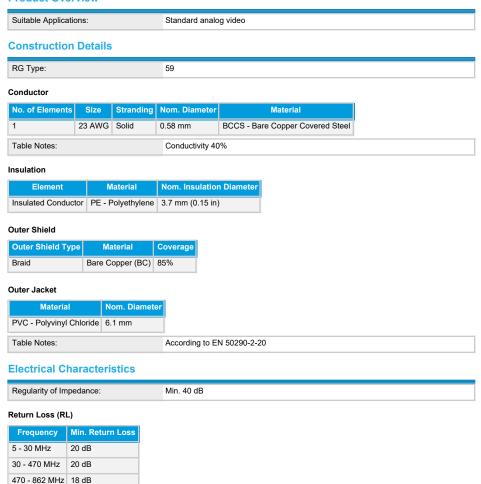
MRG5900 - Mil-Spec Coax, 75 Ohm, RG-59 Type, 23 AWG Solid BCCS, 95% BC Braid, PVC Jkt, Commercial

## **Product Description**

Mil-Spec Coax, 75 Ohm, RG-59 Type, 23 AWG Solid Bare Copper Covered Steel Conductor, PE Insulation, 95% Bare Copper Braid Shield, PVC Jacket, Commercial

## **Technical Specifications**

## **Product Overview**



In each frequency band, 3 peak values up to 4 dB lower are allowed

# Table Notes:

Frequency	Nom. Attenuation
5 MHz	2.9 dB/100m
50 MHz	8 dB/100m
100 MHz	11.6 dB/100m
230 MHz	18.3 dB/100m

300 MHz	21.2 dB/100m
400 MHz	25 dB/100m
470 MHz	27.5 dB/100m
860 MHz	39.2 dB/100m
1000 MHz	42.9 dB/100m
1350 MHz	50 dB/100m
1600 MHz	54.5 dB/100m
1750 MHz	57 dB/100m
2150 MHz	63 dB/100m

Table Notes:

Max. attenuation 10% higher

#### Electricals

Max. Conductor DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
170 Ohm/km (52 Ohm/1000ft)	67 pF/m (20 pF/ft)	75 Ohm	66%

### **Mechanical Characteristics**

#### Temperature

Operating	Installation	Storage
-15°C To +70°C	-5°C To +50°C	-15°C To +70°C

#### **Bend Radius**

Stationary Min. 35 mm (1.4 in)

## **Standards and Compliance**

Environmental Suitability:	Indoor - Euroclass Eca
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
ISO/IEC Compliance:	IEC 61196
CENELEC Compliance:	EN 50117-1
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark

## History

Update and Revision: Revision Number: 0.204 Revision Date: 05-31-2024

## **Part Numbers**

## Variants

Item #	Color	Putup Type	Length	EAN
MRG5900.10100	Black	Reel	100 m	8719605103338
MRG5900.00500	Black	Reel	500 m	8719605103284
MRG5900.03500	Black	Reel	500 m	8719605103321
MRG5900.11100	White	Reel	100 m	8719605103345

© 2024 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.