

TECHNICAL SPECIFICATION

RG6-6GSDI-BNC

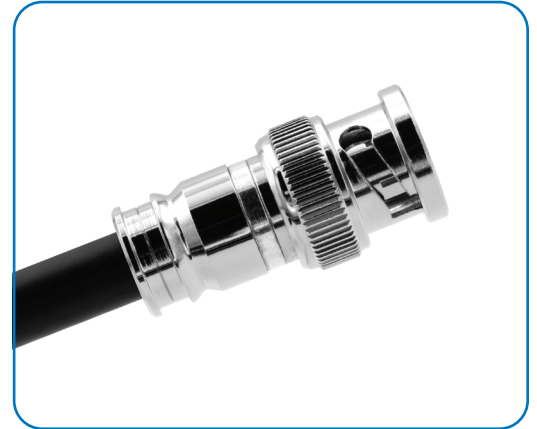


Description: 75 Ohm RG6 6G Coaxial Video Cable, BNC Male to Male

Why Use This Product: This cable is engineered specifically for professional broadcast applications, featuring a foil tinned copper braid shield for superior flexibility, durability, and excellent interference protection.

Key Features

- RG6 18 AWG Pure Copper Coaxial Cable
- Belden 1694A Cable
- Supports 6 Gbps Data Transfer
- Foil + 95% Tinned Copper Braid Shield
- 75 Ohm Impedance
- UL, CMR, RoHS II Compliant



RG6 HD-SDI Coaxial Video Cable, BNC Male to Male
CMR Rated

Part Number:	RG6-6GSDI-BNC
Revision Number:	3
Date:	6-25-2025
Page Number:	1 of 2

1723 W. 4th Street Tempe Arizona 85281

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Disclaimer: Conditions of use may vary. Information is subject to change without notice.

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Technical Specifications

RG Type.....	6
Data Speed.....	6 Gbps
Connector Type.....	BNC Male
Conductor Size.....	18 AWG
Conductor Type.....	Solid
Conductor Nom. Diameter.....	0.04 in
Conductor Material.....	Bare Copper
Insulation Material.....	Polyethylene Foam
Nom. Insulation Diameter.....	0.18 in
Insulation Color Code.....	White
Outer Shield Layer 1.....	Tape, Tri-Laminate (Alum + Poly + Alum), Duofoil, 100% Coverage
Outer Shield Layer 2.....	Braid, Tinned Copper, 95% Coverage
Outer Jacket Material.....	Polyvinyl Chloride
Outer Jacket Nom. Diameter.....	0.274 in
Overall Cable Diameter.....	0.274 in
Nom. Conductor DCR.....	6.4 Ohm / 1,000 ft
Nom. Outer Shield DCR.....	3.8 Ohm / 1,000 ft
Nom. Capacitance Cond-To-Shield.....	16.2 pF/ft
Nom. Characteristic Impedence.....	75 Ohm
Nom. Velocity Of Prop.....	82%
UL Voltage Rating.....	300 V (CMR, CMG)
Operating Temperature.....	-30°C to +75°C
Minimum Bend Radius.....	2.75 in
Maximum Pull Tension.....	69 lbs
Compliances.....	UL, CMR, RoHS II

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