

Part Number: 1506ABHDL
6 GHz RG59 BNC Connector



Product Description

RG-59, 6 GHz, HD, BNC, Plenum, 1 piece connector

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Environmental Space: | Indoor |
| Suitable Applications: | HD-SDI, Video, Digital Video, SMPTE 2081-1 6 Gb/s UHDTV, SMPTE 424M 3 Gb/s HD-SDI 1080P |

Physical Characteristics (Overall)

| | |
|-----------------|----------------|
| Conductor Size: | 20 AWG |
| Packaging: | 50 per package |

Connectors

Materials

| Description | Material |
|----------------------|----------------------|
| | Nut |
| Brass, Nickel Plated | |
| Body | Brass, Nickel Plated |
| Contact | Brass, Gold Plated |
| Insulator | PTFE |

Electrical Characteristics

Return Loss (RL)

| Frequency [MHz] | Minimum Return (RL) |
|-----------------|---------------------|
| 5-1485 | 15 dB |
| 1485-3000 | 10 dB |
| 3000-4500 | 7 dB |

| | |
|-----------------------------------|---|
| Electrical Characteristics Notes: | SMPTE 2081-1 Return Loss or better to 4.5 GHz |
|-----------------------------------|---|

Mechanical Characteristics

| | |
|---|---|
| Footprint/Type: | Coax |
| Connector Interface Type: | BNC |
| Connector Series Name: | HD |
| Locking: | Yes |
| Tool Compatibility: | CPLCRBC-BR (compression), PSA59/6 (strip) |
| Termination Type: | Compression |
| Cable Center Conductor Diameter Limits: | 0.0295 - 0.0322 in |
| Cable Dielectric Diameter Limits: | 0.1259 - 0.1377 in |
| Cable Outer Jacket Diameter Limits: | 0.1870 - 0.2007 in |

Standards

| | |
|----------|-----------|
| RG Type: | 59/U Type |
|----------|-----------|

Applicable Environmental and Other Programs

| | |
|------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | 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) |

Suitability

| | |
|------------------------|-----|
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | No |

Part Number

Variants

| Item # | Color | Footnote |
|-----------|-------|----------|
| 1506ABHDL | Red | Q |

| | |
|-----------|---|
| Footnote: | Q - STANDARD PACKAGES CANNOT BE BROKEN. |
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