



Product: [734A1P](#)

DS3/DS4 Central Office Coax, RG-59, 20 AWG Solid BC, Foil + 85% TC Braid, Flamarrest® Jkt, CMP

Product Description

DS3/DS4 Central Office Coax, RG-59, 20 AWG Solid Bare Copper Conductor, FEP Insulation, Foil + 85% Tinned Copper Braid Shield, Flamarrest® Jacket, CMP

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | Central office wiring, DS3/DS4 interconnect, 734/735 telecommunications systems, switchboard communications |
|------------------------|---|

Construction Details

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

Conductor

| AWG | Stranding | Nom. Diameter | Material |
|-----|-----------|---------------|------------------|
| 20 | Solid | 0.032 in | BC - Bare Copper |

Insulation

| Material | Nom. Diameter |
|---|---------------|
| FEP - Fluorinated Ethylene Propylene (Foam) | 0.148 |

Outer Shield Material

| Layer | Outer Shield Type | Material | Material Trade Name | Coverage |
|-------|-------------------|-------------------------|---------------------|----------|
| 1 | Tape | Bi-Laminate (Alum+Poly) | Beldfoil® | 100% |
| 2 | Braid | Tinned Copper (TC) | | 85% |

Outer Jacket Material

| Material | Nom. Diameter |
|--------------------------|---------------|
| PVC - Polyvinyl Chloride | 0.213 in |

Electrical Characteristics

Return Loss (RL)

| Frequency [MHz] | Min. Return Loss [dB] |
|-----------------|-----------------------|
| 15 - 95 MHz | 30 dB |

Electricals

| Nom. Conductor DCR | Nom. Outer Shield DCR | Nom. Capacitance Cond-to-Shield | Nom. Impedance | Nom. Velocity |
|--------------------|-----------------------|---------------------------------|----------------|---------------|
| 10.1 Ohm/1000ft | 2.4 Ohm/1000ft | 17.3 pF/ft | 75 Ohm | 80% |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V (CMP) |

Mechanical Characteristics

Temperature

| UL Rating | Operating |
|-----------|-----------|
| | |

| | |
|------|--------------|
| 60°C | 0°C to +75°C |
|------|--------------|

Bend Radius

| |
|--------------------------|
| Installation Min. |
|--------------------------|

| |
|--------|
| 2.1 in |
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| | |
|--------------------|---------------|
| Bulk Cable Weight: | 35 lbs/1000ft |
|--------------------|---------------|

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|--------------------|--------|
| Max. Pull Tension: | 49 lbs |
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Standards and Compliance

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|----------------------------|-------------------------|
| Environmental Suitability: | Indoor - Plenum, Indoor |
|----------------------------|-------------------------|

| | |
|-----------------|------------|
| Sustainability: | CA Prop 65 |
|-----------------|------------|

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|---------------------------------|----------|
| Flammability / Fire Resistance: | NFPA 262 |
|---------------------------------|----------|

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|----------------------|-----|
| NEC / UL Compliance: | CMP |
|----------------------|-----|

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|-------------------------|-----|
| CEC / C(UL) Compliance: | CMP |
|-------------------------|-----|

| | |
|--------------------------------|---|
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |
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|------------------|---------------------------------|
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |
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|--------------------|-------|
| Non-Plenum Number: | 734A1 |
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History

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| Update and Revision: | Revision Number: 0.296 Revision Date: 07-31-2020 |
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- Доставку товара в любую точку России и стран СНГ.
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- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
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- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru