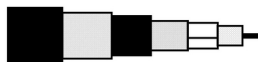


**Product:** [H124C01](#) 

Life Cycle Status: Discontinued



H124C01 - Broadband Triax, H124, 18 AWG Solid BC, CU-Foil + 40% BC Braid, LSZH Jkt, 60% BC Braid, LSZH Jkt

## Product Description

Broadband Triax, H124, 18 AWG Solid Bare Copper Conductor, PE Insulation, CU-Foil + 40% Bare Copper Braid Shield, LSZH Inner Jacket, 60% Bare Copper Braid Shield, LSZH Jacket

## Technical Specifications

### Product Overview

|                        |                                                                                |
|------------------------|--------------------------------------------------------------------------------|
| Suitable Applications: | Broadband, Cable Television (CATV), RF drop cable, Over-The-Air (OTA) antennas |
|------------------------|--------------------------------------------------------------------------------|

### Product Life Cycle

|             |                                                      |
|-------------|------------------------------------------------------|
| Life Cycle: | Discontinued - the product is no longer manufactured |
|-------------|------------------------------------------------------|

### Construction Details

|          |   |
|----------|---|
| RG Type: | 6 |
|----------|---|

#### Conductor

| No. of Elements | Size   | Stranding | Nom. Diameter | Material         |
|-----------------|--------|-----------|---------------|------------------|
| 1               | 18 AWG | Solid     | 1 mm          | BC - Bare Copper |

#### Insulation

| Material                 | Nom. Insulation Diameter |
|--------------------------|--------------------------|
| PE - Polyethylene (Foam) | 4.4 mm (0.17 in)         |

#### Inner Shield

| Layer | Shield Type | Material                       | Coverage |
|-------|-------------|--------------------------------|----------|
| 1     | Tape        | Bi-Laminate (Bare Copper+Poly) | 100%     |
| 2     | Braid       | Bare Copper (BC)               | 40%      |

#### Inner Jacket

| Material                                        | Nom. Diameter  |
|-------------------------------------------------|----------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 7 mm (0.28 in) |

#### Outer Shield

| Layer | Outer Shield Type | Material         | Coverage |
|-------|-------------------|------------------|----------|
| 1     | Braid             | Bare Copper (BC) | 60%      |

#### Outer Jacket

| Material                                        | Nom. Diameter |
|-------------------------------------------------|---------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 8.8 mm        |

|                            |                                              |
|----------------------------|----------------------------------------------|
| Outer Jacket1 Table Notes: | According to European Standard EN 50290-2-20 |
|----------------------------|----------------------------------------------|

### Electrical Characteristics

|                          |            |
|--------------------------|------------|
| Regularity of Impedance: | Min. 40 dB |
|--------------------------|------------|

#### Return Loss

| Frequency  | Min. Return Loss |
|------------|------------------|
| 5 - 30 MHz | 23 dB            |

|                |       |
|----------------|-------|
| 30 - 470 MHz   | 23 dB |
| 470 - 862 MHz  | 20 dB |
| 862 - 2150 MHz | 18 dB |

|                          |                                                                    |
|--------------------------|--------------------------------------------------------------------|
| Return Loss Table Notes: | In each frequency band, 3 peak values up to 4 dB lower are allowed |
|--------------------------|--------------------------------------------------------------------|

Attenuation

| Frequency | Nom. Attenuation |
|-----------|------------------|
| 5 MHz     | 1.3 dB/100m      |
| 50 MHz    | 4.3 dB/100m      |
| 100 MHz   | 6.1 dB/100m      |
| 200 MHz   | 8.8 dB/100m      |
| 400 MHz   | 12.7 dB/100m     |
| 600 MHz   | 15.8 dB/100m     |
| 800 MHz   | 18.5 dB/100m     |
| 1000 MHz  | 20.9 dB/100m     |
| 1350 MHz  | 24.7 dB/100m     |
| 1750 MHz  | 28.6 dB/100m     |
| 2150 MHz  | 32.1 dB/100m     |
| 2400 MHz  | 34.2 dB/100m     |

|                          |                             |
|--------------------------|-----------------------------|
| Attenuation Table Notes: | Max. attenuation 10% higher |
|--------------------------|-----------------------------|

Electricals

| Max. Conductor DCR         | Nom. Inner Shield DCR      | Nom. Outer Shield DCR      | Nom. Capacitance Cond-to-Shield | Nom. Characteristic Impedance | Nom. Velocity of Prop. |
|----------------------------|----------------------------|----------------------------|---------------------------------|-------------------------------|------------------------|
| 23 Ohm/km (7.0 Ohm/1000ft) | 19 Ohm/km (5.8 Ohm/1000ft) | 14 Ohm/km (4.3 Ohm/1000ft) | 53 pF/m (16 pF/ft)              | 75 Ohm                        | 84%                    |

Screening

| Frequency     | Min. Screening Attenuation |
|---------------|----------------------------|
| 30 - 1000 MHz | 75 dB                      |

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. |
|-----------------|
| 90 mm (3.5 in)  |

|                    |          |
|--------------------|----------|
| Bulk Cable Weight: | 98 kg/km |
|--------------------|----------|

Standards and Compliance

|                            |                       |
|----------------------------|-----------------------|
| Environmental Suitability: | Indoor, UV Resistance |
| CENELEC Compliance:        | EN 50117-1            |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.262 Revision Date: 10-08-2026 |
|----------------------|--------------------------------------------------|

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