

7804S Composite Camera Cable

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|---|---|---|
|  |  | <p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> |
|---|---|---|

Description:

4 x20 AWG (19/32)power conductors, 2x24AWG(7/32) tinned copper conductors, 2 x SM fibers, and Stainless steel strength member, PVC insulation, tinned copper braiding (coverage 77% Nom.), PVC jacket. Suitable SMPTE 311M camera applications.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

| Items | A | B | C | D |
|----------------------|---------------|---------------|----------|-----------------|
| Number of Conductors | 4C | 2C | 2C | 1C |
| AWG | 20 | 24 | **** | **** |
| Conductor Stranding | 19/0.2mm | 7/0.2mm | **** | 19/0.32mm |
| Conductor Material | Tinned Copper | Tinned Copper | Fiber | Stainless Steel |

INSULATION:

| Items | A | B | C | D |
|--------------------------|--|--------------------------|-------------------------|--------------------------|
| Insulation Material | PVC - Polyvinyl Chloride | PVC - Polyvinyl Chloride | **** | PVC - Polyvinyl Chloride |
| Nom. Insulation Diameter | 1.6 mm | 1.3 mm | 900 micron tight buffer | 2.3 mm |
| Color Code | White Black White/Black Black/White | Red Gray | Blue Yellow | Violet |

OVERALL SHIELD:

| | |
|----------------------------------|--------------------|
| Overall Shield Type | Braiding |
| Overall Shield Material | TC - Tinned Copper |
| Nom. Overall Shield Coverage (%) | 77% |

SEPERATOR:

| | |
|--------------------|-----------|
| Separator Type | Tape |
| Separator Material | Non-Woven |

OUTER JACKET:

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| | |
|----------------------------------|--------------------------|
| Outer Jacket Material | PVC - Polyvinyl Chloride |
| Nom. Outer Jacket Wall Thickness | 1.5 mm |

OVERALL NOMINAL DIAMETER:

| | |
|--------------------------|--------|
| Overall Nominal Diameter | 9.2 mm |
|--------------------------|--------|

MECHANICAL CHARACTERISTICS:

| | |
|--------------------|--------------------|
| Temperature Rating | -40 - 75 °C |
| Min bending radius | 7 x Cable diameter |

APPLICABLE SPECIFICATION AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

| | |
|-------------------------|-----------|
| EU RoHS Compliant (Y/N) | Y |
| EU RoHS Compliance Date | June 2007 |

FLAME TEST:

| | |
|------------|------|
| Flame Test | FT-4 |
|------------|------|

PLENUM/NON-PLENUM:

| | |
|--------------|---|
| Plenum (Y/N) | N |
|--------------|---|

ELECTRICAL CHARACTERISTICS :

| | |
|---|---------------|
| Nom. Conductor A DC Resistance @ 20 °C | 8.8 Ω/1000ft |
| Nom. Conductor B DC Resistance @ 20 °C | 23.3 Ω/1000ft |
| Max. Attenuation (Fiber only) @ 1310 NM | 0.45 dB/km |

FIBER CHARACTERISTICS :

| | |
|------------------------------------|----------|
| Crush @ 397 LBS | No Crack |
| Impact @ 1.32 LBS 20 turns | No Crack |
| Temperature cycle @ -40°C to +75°C | Pass |

PUT-UPS AND COLORS:

| Item | Description | Put-Up (metre) | Ship Weight (kg) | Jacket Color |
|----------------|------------------------|----------------|------------------|--------------|
| 7804S 010305M | Composite Camera Cable | 305 | 45 | BLACK |
| 7804S 010500M | Composite Camera Cable | 500 | 71 | BLACK |
| 7804S 0101000M | Composite Camera Cable | 1000 | 147 | BLACK |

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