

Audio and Video Composite Camera Cable

SMPTE 311M HDTV Cables

Single-mode Fiber with Copper Conductors



| Description | Part No. | UL NEC/ C(UL) CEC Type | Standard Lengths | | Standard Unit Weight | | Conductor (stranding) Nom. DCR | Nominal Core OD | | Shielding Materials Nom. DCR | Nominal OD | | Nominal Optical Attenuation (@1310nm) | |
|-------------|----------|------------------------------|------------------|---|----------------------|----|-----------------------------------|-----------------|----|---------------------------------|------------|----|---------------------------------------|-------|
| | | | Ft. | m | Lbs. | kg | | Inch | mm | | Inch | mm | dB/1000 Ft. | dB/km |

4 Power Conductors • SM Fiber w/24 and 20 AWG Stranded (7x32 and 19x32) TC Conductors • TC Braid Shield (95% Coverage)**PVC Insulation • Black Belflex® Jacket**

| | | | | | | | | | | | | | | |
|--|--------------|---------|------|--------|-------|---------------|--------------------|------|------|------------|------|------|-----|-----|
| | 7804R | NEC: | 328 | 100.0 | 33.1 | 15.0 | (2) Fibers: | .035 | .89 | 36 AWG | .362 | 9.20 | .14 | .45 |
| | | CMR: | 500 | 152.4 | 47.5 | 21.6 | SM/125µ/900µ | | | TC Braid | | | | |
| | | CEC: | 1000 | 304.8 | 96.0 | 43.5 | (core/clad/buffer) | | | 95% Shield | | | | |
| | | CMG FT4 | 1640 | 500.0 | 152.5 | 69.2 | (2) Cond.: | .050 | 1.27 | Coverage | | | | |
| | | | 3280 | 1000.0 | 314.9 | 142.8 | 24 AWG | | | 2.9Ω/M' | | | | |
| | | | | | | | (7x32) | | | 9.5Ω/km | | | | |
| | | | | | | .024" | | | | | | | | |
| | | | | | | Tinned Copper | | | | | | | | |
| | | | | | | 23.3Ω/M' | | | | | | | | |
| | | | | | | 76.4Ω/km | | | | | | | | |
| | | | | | | (4) Cond.: | .063 | 1.60 | | | | | | |
| | | | | | | 20 AWG | | | | | | | | |
| | | | | | | (19x32) | | | | | | | | |
| | | | | | | .037" | | | | | | | | |
| | | | | | | Tinned Copper | | | | | | | | |
| | | | | | | 8.8Ω/M' | | | | | | | | |
| | | | | | | 28.9Ω/km | | | | | | | | |

Plenum version and other conductor counts/diameters available by special order.

2 Power Conductors • SM Fiber[▲] w/24 and 16 AWG Stranded (7x32 and 65x34) TC Conductors • TC Braid Shield (95% Coverage)**PVC Insulation • Black Belflex® Jacket**

| | | | | | | | | | | | | | | |
|--|--------------|---------|------|--------|-------|---------------|--------------------|------|------|------------|------|------|-----|-----|
| | 7804C | NEC: | 328 | 100.0 | 32.8 | 14.9 | (2) Breakout | .079 | 2.00 | 38 AWG | .362 | 9.20 | .14 | .45 |
| | | CMR: | 500 | 152.4 | 49.0 | 22.2 | Fibers: | | | TC Braid | | | | |
| | | CEC: | 1000 | 304.8 | 99.0 | 44.9 | SM/125µ/900µ | | | 95% Shield | | | | |
| | | CMG FT4 | 1640 | 500.0 | 157.4 | 71.4 | (core/clad/buffer) | | | Coverage | | | | |
| | | | 3280 | 1000.0 | 324.7 | 147.3 | (2) Cond.: | .050 | 1.27 | 2.8Ω/M' | | | | |
| | | | | | | | 24 AWG | | | 9.2Ω/km | | | | |
| | | | | | | (7x32) | | | | | | | | |
| | | | | | | .024" | | | | | | | | |
| | | | | | | Tinned Copper | | | | | | | | |
| | | | | | | 23.3Ω/M' | | | | | | | | |
| | | | | | | 76.4Ω/km | | | | | | | | |
| | | | | | | (2) Cond.: | .093 | 2.36 | | | | | | |
| | | | | | | 16 AWG | | | | | | | | |
| | | | | | | (65x34) | | | | | | | | |
| | | | | | | .059" | | | | | | | | |
| | | | | | | Tinned Copper | | | | | | | | |
| | | | | | | 4.3Ω/M' | | | | | | | | |
| | | | | | | 14.1Ω/km | | | | | | | | |

Plenum version and other conductor counts/diameters available by special order.

▲Fibers and aramid fillers contained within a .008 in (2.0mm) diameter PVC breakout jacket.

DCR = DC Resistance • SM = Single-mode • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1. Request quotations of cables not listed.