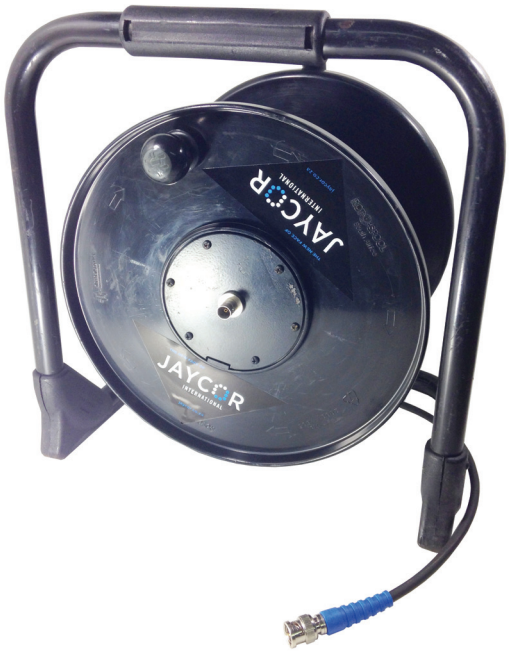
JAYCOR INTERNATIONAL

# HD/3G-SDI & UHDTV Cable Reels

## 1,5G | 3G | 6G | 12G

JAYCOR High-definition camera cable reels are assembled with Belden's 4K UHD coax cables (1505F RG59, 1694F RG6) for 12G-SDI (single, dual & quad link), and supports 4K content without the need to change to fiber. Providing broadcasters and film-makers access to the best possible performance in a coax cable sweep tested to 12 GHz signals.




J/4RR.25 . 1505F . HDBNC - 45 BK

J/4RR - Cable reel:

Small - J/4RR.15
Medium - J/4RR.25
Large - J/4RR.50

Cable type or series:

Belden 1505F, 1694F

Connector types:

1505ABHD1, DB6BNCHD

Length (m)

Sheath Colour:

BK - Black
RD - Red
BU - Blue
GN - Green
OR - Orange

| Part Number | Cable type | Cable Length (m) | Sheath Colour | Connector/s | Reel Size | Reel Side plate Adaptor | Format |
|---|---|---|---|---|---|---|---|
| J/4RR-15.1505F.BNC-20BK | Belden® 1505F RG59 Double TC braid screened (95% + 95%) Classics Pro range video cable | 20 | Black (Standard) | BNC: 1505ABHD1 | Small | BNC: J01005A0006<br>Optional D Chasis: RAB75D | 1,5Gb HD-SDI<br>3,Gb 3G-SDI<br>3Gb, 6Gb, 12Gb UHDTV1<br>3Gb, 6Gb, 12Gb UHDTV2<br>Single, dual & quad link, see chart below |
| J/4RR-15.1505F.BNC-30BK | | 30 | | | | | |
| J/4RR-15.1505F.BNC-45BK | | 45 | | | Medium | | |
| J/4RR-25.1505F.BNC-50BK | | 50 | | | | | |
| J/4RR-25.1505F.BNC-60BK | | 60 | | | | | |
| J/4RR-25.1505F.BNC-100BK | | 100 | | | | | |
| J/4RR-15.1694F.BNC-20BK | Belden® 1694F RG6 Double TC braid screened (95% + 95%) Classics Pro range video cable | 20 | | BNC: DB6BNCHD | Small | | |
| J/4RR-25.1694F.BNC-30BK | | 30 | | | Medium | | |
| J/4RR-25.1694F.BNC-45BK | | 45 | | | | | |
| J/4RR-50.1694F.BNC-90BK | | 90 | | | Large | | |
| J/4RR-50.1694F.BNC-110BK | | 110 | | | | | |

See maximum estimated transmission distances chart below for serial digital rates.

Custom cable reels can be assembled to customer specifcations and lengths.

# Transmission Distance at Serial Data Rates

| Data Rate: | 143 Mb/s | 177 Mb/s | 270 Mb/s | 360 Mb/s | 1.5 Gb/s | 3.0 Gb/s |
|---|---|---|---|---|---|---|
| Spec: | SMPTE ST 259 | SMPTE ST 259 | SMPTE ST 259 | SMPTE ST 259 | SMPTE ST 292 | SMPTE ST 424 |
| Application: | Compos-ite SD-SDI (NTSC) | Composite SD-SDI (PAL) | Component SD-SDI | Widescreen SD-SDI | HD 1.5G-SDIw | HD 3G-SDI |
| Cable Part Number | m | m | m | m | m | m |
| 179DT | 168 | 153 | 127 | 111 | 36 | 25 |
| 1865A | 209 | 191 | 155 | 134 | 41 | 27 |
| 1855A1 | 313 | 287 | 236 | 207 | 66 | 46 |
| 1855P | 306 | 280 | 228 | 198 | 60 | 40 |
| 4855R2/4855ANH | 325 | 295 | 244 | 212 | 67 | 47 |
| 4855P | 297 | 270 | 221 | 192 | 59 | 40 |
| 1505A3 | 457 | 421 | 344 | 297 | 93 | 65 |
| 1506A4 | 418 | 384 | 310 | 269 | 80 | 53 |
| 1505F | 369 | 333 | 263 | 224 | 68 | 46 |
| 4505R5/4505ANH | 449 | 403 | 329 | 287 | 94 | 66 |
| 4505P | 404 | 366 | 301 | 262 | 80 | 54 |
| 1694A6 | 563 | 512 | 419 | 367 | 112 | 78 |
| 1695A7 | 546 | 495 | 402 | 346 | 100 | 66 |
| 1694F | 454 | 408 | 318 | 272 | 79 | 53 |
| 4694R8/4694ANH | 535 | 490 | 407 | 357 | 117 | 82 |
| 4694P | 519 | 468 | 384 | 334 | 100 | 66 |
| 4694F | 523 | 467 | 373 | 320 | 96 | 65 |
| 1794A9 | 740 | 678 | 548 | 475 | 145 | 101 |
| 4794R10/4794ANH | 680 | 623 | 523 | 461 | 151 | 105 |
| 4794P | 654 | 590 | 479 | 412 | 119 | 78 |
| 7731A | 851 | 796 | 637 | 560 | 177 | 119 |
| 7732A | 824 | 751 | 595 | 504 | 141 | 88 |
| 4731R/4731ANH | 861 | 784 | 649 | 567 | 182 | 126 |
| 4731P | 794 | 714 | 583 | 502 | 143 | 92 |

The distances listed above are estimates based upon the cable loss values (excluding connectors or connectivity) in the SMPTE standards listed. JAYCOR and Belden cannot guarantee these distance will be obtained due to variations in the equipment used. The manufacturer of the equipment used should be contacted to determine what distance can be expected with the cable intended to be used.

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# Transmission Distance at Serial Data Rates

| Data Rate per Link: | 3 Gb/s | 6 Gb/s | 12 Gb/s |
|---|---|---|---|
| Spec: | "SMPTE ST 425-4 (3Gb/s - stereo) ST 2081-1 (6 Gb/s - dual link) ST 2082-1 (12 Gb/s - quad) ST 2083-1 (24 Gb/s - octal link)1" | ST 2081-1 (6 Gb/s - single link) ST 2082-1 (12 Gb/s - dual link) ST 2083-1 (24 Gb/s - quad link)1 | ST 2082-1 (12 Gb/s - single link) ST 2083-1 (24 Gb/s - dual link)1 |
| Application: | UHDTV1, UHDTV2 | UHDTV1, UHDTV2 | UHDTV1, UHDTV2 |
| Cable Part Number | m | m | m |
| 179DT | 50 | 35 | |
| 1865A | 55 | | |
| 1855A1 | 92 | 63 | |
| 1855P | 80 | 53 | |
| 4855R2/4855ANH | 94 | 66 | 45 |
| 4855P | 80 | 54 | 36 |
| 1505A3 | 130 | 87 | |
| 1506A4 | 107 | 70 | |
| 1505F | 91 | 60 | |
| 4505R5/4505ANH | 132 | 92 | 63 |
| 4505P | 108 | 72 | 47 |
| 1694A6 | 155 | 104 | |
| 1695A7 | 131 | 85 | |
| 1694F | 106 | 69 | |
| 4694R8/4694ANH | 164 | 114 | 78 |
| 4694P | 132 | 87 | 57 |
| 4694F | 130 | 87 | 56 |
| 1794A9 | 202 | 135 | |
| 4794R10/4794ANH | 209 | 144 | 98 |
| 4794P | 155 | 100 | 64 |
| 7731A | 238 | 161 | |
| 7732A | 176 | 113 | |
| 4731R/4731ANH | 252 | 173 | 117 |
| 4731P | 184 | 116 | 74 |

The distances listed above are estimates based upon the cable loss values (excluding connectors or connectivity) in the SMPTE standards listed. JAYCOR and Belden cannot guarantee these distance will be obtained due to variations in the equipment used. The manufacturer of the equipment used should be contacted to determine what distance can be expected with the cable intended to be used.