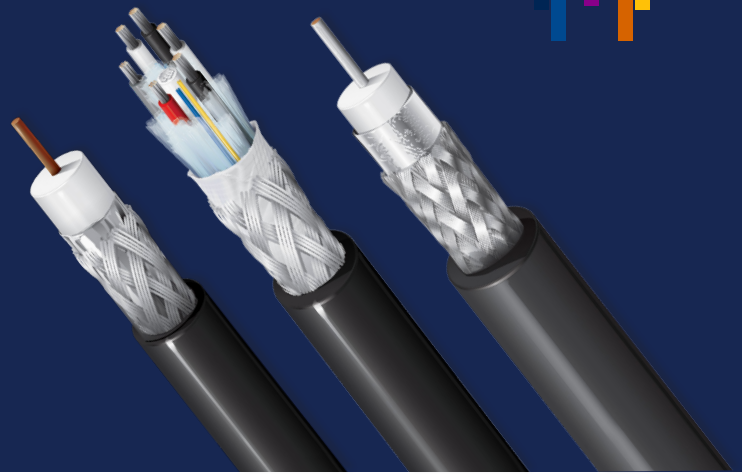


Indoor/Outdoor Stadium Cables

PRODUCT BULLETIN



Simplify your stadium installations with dual-purpose, riser-plenum-rated, waterproof cables

Belden Indoor/Outdoor (I/O) Stadium Cables feature CMR or CMP ratings for indoor flame requirements, as well as advanced water protection that allows the cables to be used in outdoor, below-grade applications. These dual-purpose cables eliminate the need for splice points when transitioning between indoor and outdoor environments, reducing installation time and sourcing complexity.

Belden's new I/O CMP Stadium Cables include 75 Ω Video Coax Cables, Analog Audio Cables and SMPTE 311M Hybrid Fiber Camera Cables, enabling installations to run through outside plant (OSP) and indoor CMP areas for applications like HD 1080p video, UHD 4K video, broadcast cameras and single- and multi-channel audio. Simplify future stadium and broadcast designs and installation by picking this one cable to do it all.

Benefits at a Glance

- Saves time and reduces installation costs with no splicing necessary
- Reduces signal loss and errors
- Reduces SKUs, allowing you to stock one cable for CMR, CMP and below-grade applications

Key Features

- CMR rated: Water-blocked for outdoor environments and safe to use in riser applications
- CMP rated: PVDF jacket suitable for water exposure and safe to use in air-handling spaces
- Available in pre-terminated, custom assemblies
- Backed by a 10-Year Product Warranty

Key Applications

- OSP and indoor areas, including transition points
- HD 1080p and UHD 4K video
- SMPTE 311M
- Suitable for below-grade applications
- Professional single- and multi-channel audio
- Intercom
- Security

Ordering Information

Plenum (CMP) Rated Cables



75 Ω Video Coax Cables

Product Attributes

- Solid bare copper conductor
- Gas-injected foam high-density FEP insulation
- Overall foil + 95% tinned copper braid
- PVDF jacket
- Suitable for water exposure
- UL rated for CMP
- SMPTE 2081-1 6 Gb/s UHDTV

Description	AWG	Nominal OD		Belden Part Number
		in	mm	
6 GHz RG-6	18	0.229	5.82	1695PX
6 GHz RG-11	14	0.348	8.84	7732A
12 GHz RG-59	20	0.197	5.00	4505PX
12 GHz RG-6	18	0.229	5.82	4694PX
12 GHz RG-11	14	0.348	8.84	4731P
12 GHz Series 7	16	0.297	7.54	4794P
12 GHz Mini RG-59	23	0.162	4.11	4855PX

SMPTE 311M Hybrid Fiber Camera Cables

Product Attributes

- Singlemode/125/900 μ m fiber
- Stranded tinned copper conductors
- FEP insulation
- PVDF jacket
- Suitable for water exposure
- UL rated for CMP-OF

Description	Components	Nominal OD		Belden Part Number
		in	mm	
1-Channel SMPTE	(2) OS2 fiber, (2) 24 AWG, (4) 20 AWG	0.249	6.32	7804PX
3-Channel SMPTE	(6) OS2 fiber, (6) 24 AWG, (6) 18 AWG	0.437	11.10	7834P
4-Channel SMPTE	(8) OS2 fiber, (8) 24 AWG, (8) 18 AWG	0.477	12.12	7844P

Analog Audio Cables

Product Attributes

- Stranded tinned copper conductors
- 22 AWG
- PVDF jacket
- Suitable for water exposure
- UL rated for CMP

Description	Nominal OD		Belden Part Number
	in	mm	
1 foil shielded pair	0.116	2.95	87761
2 foil shielded pair audio snake	0.214	5.44	6541PA
4 foil shielded pair audio snake	0.252	6.40	6543PA
6 foil shielded pair audio snake	0.300	7.62	6545PA
12 foil shielded pair audio snake	0.408	10.36	6548PA

Ordering Information

Riser (CMR) Rated Cables



75 Ω Video Coax Cables

Product Attributes

- Solid bare copper conductor
- Gas-injected foam high-density polyethylene insulation
- Overall foil + 95% tinned copper braid
- CPE jacket
- Water-blocking grease
- UL rated for CMR
- SMPTE 2081-1 6 Gb/s UHDTV

Description	AWG	Nominal OD		Belden Part Number
		in	mm	
RG-6	18	0.27	6.96	1694RW
RG-11	14	0.40	10.16	7731RW

Triax Camera Cables

Product Attributes

- Solid bare copper conductor
- Gas-injected foam high-density polyethylene insulation
- Double bare copper braid shields (95% and 80%)
- CPE jacket
- 75 Ω impedance
- Tested to 4.5 GHz
- Water-blocking tape
- UL rated for CMR

Description	AWG	Nominal OD		Belden Part Number
		in	mm	
RG-59	20	0.34	8.64	2232RW
RG-11	14	0.50	12.70	2233RW

SMPTE 311M Hybrid Fiber Camera Cables

Product Attributes

- Singlemode/125/900 μ m fiber
- Stranded tinned copper conductors
- PVC insulation
- CPE jacket
- Water-blocking tape
- UL rated for CMR-OF

Description	Components	Nominal OD		Belden Part Number
		in	mm	
1-Channel SMPTE	(2) fiber, (2) 24 AWG, (4) 20 AWG	0.36	9.20	2804RW
3-Channel SMPTE	(6) fiber, (6) 24 AWG, (6) 18 AWG	0.60	15.25	2824RW

Analog Audio Cables

Product Attributes

- Stranded tinned copper conductors
- 22 AWG
- CPE jacket
- Water-blocking tape
- UL rated for CMR

Description	Nominal OD		Belden Part Number
	in	mm	
1 foil shielded pair	0.16	4.01	2451RW
2 individually shielded and jacketed pairs	0.36	9.09	2814RW
4 individually shielded and jacketed pairs	0.43	10.97	2815RW
6 individually shielded and jacketed pairs	0.51	12.95	2816RW
12 individually shielded and jacketed pairs	0.70	17.81	2818RW
12 foil shielded pairs	0.50	12.70	2768RW