# BELDEN

# 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 dualpurpose 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 $\Omega$ 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

D 11	1140	Nomir	Belden Part	
Description	AWG	in mm		Number
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 μm fiber
- Stranded tinned copper conductors
- FEP insulation
- PVDF jacket
- Suitable for water exposure
- UL rated for CMP-OF

Analog	g Audio	Cables

#### **Product Attributes**

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

Description	Components	Nominal OD		Belden Part	
Description	Components	in	mm	Number	
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	

Description	Nominal OD		Belden Part	
Description	in	mm	Number	
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** 



Delelen Deut

Belden Part

Number

2232RW

2233RW

Nominal OD

Nominal OD

mm

8.64

12.70

in

0.34

0.50

## 75 Ω Video Coax Cables

	Description	A)A/C	Norminal OD		Belden Part	
Product Attributes	Description	AWG	in	mm	Number	
Solid bare copper conductor	RG-6	18	0.27	6.96	1694RW	
<ul> <li>Gas-injected foam high-density polyethylene insulation</li> </ul>						
<ul> <li>Overall foil + 95% tinned copper braid</li> </ul>	RG-11	14	0.40	10.16	7731RW	
CPE jacket		1				
Water-blocking grease						
UL rated for CMR						
SMPTE 2081-1 6 Gb/s UHDTV						

Description

RG-59

RG-11

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

#### **SMPTE 311M Hybrid Fiber Camera Cables**

#### **Product Attributes**

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

#### **Analog Audio Cables**

#### **Product Attributes**

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

Description	Commente	Nominal OD		Belden Part
Description	Components	in	mm	Number
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

AWG

20

14

Description	Nomii	nal OD	Belden Part	
Description	in	mm	Number	
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	



© 2024 | Belden and its affiliated companies claim and reserves all rights to its graphic images and text, trade names and trademarks, logos, service names, and similar proprietary marks, and any other BELIDEN intellectual property rights associated with this publication. BELDEN' and other distinctive identifiers of Belden and its affiliated companies as used herein are or may be pending or registered or unregistered trademarks of Belden, or its affiliates, in the United States and/or other jurisdictions throughout the world. Belden's trade names, trademarks, logos, service names, and similar proprietary marks shall not be reprir or displayed without Belden's or its affiliated companies' permission and/or in any form inconsistent with Belden's business interests. Belden reserves the right to demand the discontinuation of any improper use at any time.