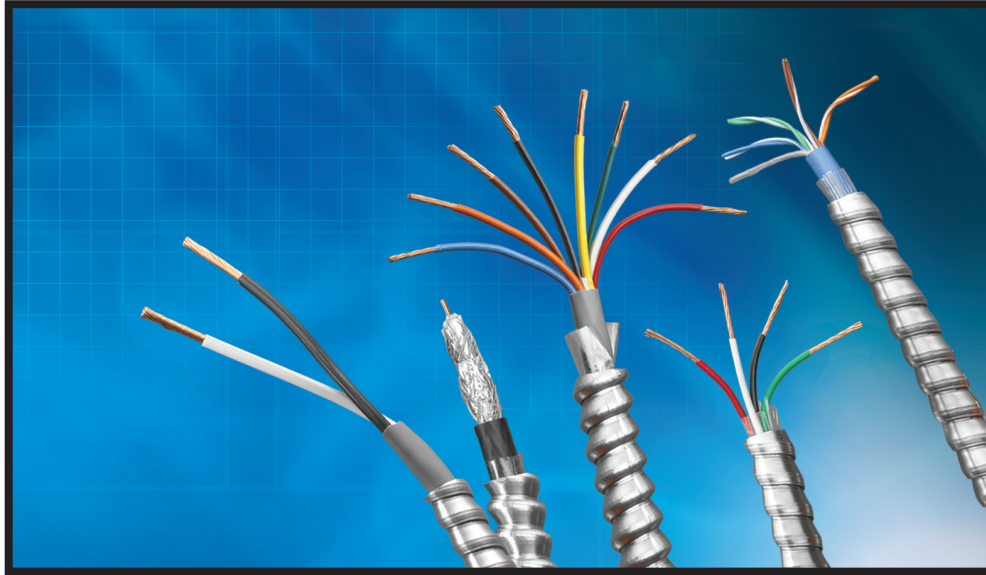


## New Product Bulletin

### NP 265

#### **Metal-sheathed Communication Cables**

Metal sheaths have been added to Belden best selling communications cables at the factory so users can easily get top-quality, easy-to-install metal-sheathed cables for their fast track construction applications.



#### **Belden Introduces a Complete Series of Ready-to-install, Metal-sheathed Communication Cables**

With the introduction of this series of metal-sheathed cables, Belden provides the installer with a flexible, low-cost and readily-available alternative to current aftermarket products. The line consists of ten of Belden's essential and top-performing communication cables — all provided in 1,000 ft. continuous lengths. As a further aid to the installer, custom designed products are available from Belden authorized distributors as special requests.

##### **A Top-quality Alternative to Conduit**

Belden's metal-sheathed aluminum interlocked armor (AIA) products represent a cost-effective way to install cabling for building management systems while also achieving the benefits of a conduit installation. The metal sheath protects the cable mechanically, keeping circuits in a nearly oxygen deprived environment — denying fuel from any fire and minimizing the potential fuel load. Belden's metal sheathed products can also be installed much faster than EMT conduit and conventional wire.

##### **A Range of Product for a Range of Applications**

A variety of metal-sheathed cables are offered:



- Various riser-rated multiconductor cables, shielded and unshielded; sheathed in AIA
- Various CATV and CCTV coaxial cables; sheathed in AIA
- A composite for Pan-Tilt-Zoom (PTZ) camera installations; CCTV coax, plus power, plus control — with all cables under a common AIA sheath

Building management applications for Belden's metal-sheathed communications cables include the following: security, alarm and access control; public address, intercom, speaker, audio, and nurse call systems; thermostat, HVAC, and building automation systems, and Cat 5e LAN/data, digital signage, and UTP wired surveillance.



## Metal-sheathed Cables for Communications Circuits

Description	Part No.	No. of Cond.	AWG & Stranding	Inner Cable	Nominal OD		Standard Lengths		Standard Unit Weight	
					Inch	mm	Ft.	m	Lbs.	kg

### Unshielded Multi-conductor (NEC 800 CMR) Metal Sheathed in AIA • Color-coded • PVC Insulation • Gray PVC Inner Jacket





	300V 75°C		<b>25302UE</b>	4	18 (7 x 26)	5302UE	.391	9.9	1000	305	91.8	41.7
			<b>25306UE</b>	8	18 (7 x 26)	5306UE	.451	11.5	1000	305	128.4	58.4
			<b>25200UE</b>	2	16 (19 x 29)	5200UE	.387	9.8	1000	305	82.8	37.6
			<b>25100UE</b>	2	14 (19 x 26)	5100UE	.437	11.1	1000	305	102.8	46.7
			<b>25000UE</b>	2	12 (19 x 25)	5000UE	.471	12.0	1000	305	124.0	56.4

### Shielded Multi-conductor (NEC 800 CMR) Metal Sheathed in AIA • Color-coded • PVC Insulation • Gray Inner PVC Jacket

 Shorting Fold			<b>25304FE</b>	6	18 (7 x 26)	5304FE	.433	11.0	1000	305	125.0	56.8
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Description	Part No.	Size	Shielding Type	Inner Cable	Nominal OD		Standard Lengths		Standard Unit Weight	
					Inch	mm	Ft.	m	Lbs.	kg

### CATV Coax (NEC 820 CM) Metal Sheathed in AIA • Black Inner PVC Jacket

		<b>29116</b>	RG-6	Foil + AL Braid	9116	.473	12.0	1000	305	106.0	48.2
		<b>21523A</b>	RG-11	Foil + AL Braid	1523A	.603	15.3	1000	305	160.0	72.7
		<b>25339Q5</b>	RG-6	Quad	5339Q5	.501	12.7	1000	305	111.4	50.6

Description	Part No.	Components	Inner Cable	Nominal OD		Standard Lengths		Standard Unit Weight	
				Inch	mm	Ft.	m	Lbs.	kg

### PTZ Surveillance Camera Composite Cable (CMR) Metal Sheathed in AIA • Video + Power + Control

		<b>2505PTZ</b>	RG-59 (Video)	543945	.633	16.1	1000	305	182.0	82.7
			2C 16 AWG (Power)	5200UE			1000	305		
			2C 18 AWG, Shielded (Control)	5300FE			1000	305		

1. For complete cable specifications, refer to Belden Master Catalog at [www.belden.com](http://www.belden.com)

2. Factory certified and UL listed as TIA-568 even after metal sheath is applied. Beware of aftermarket modifications. Excessive handling absolutely degrades performance.

AIA = Aluminum Interlocked Armor