



Applications & Markets

From stage to studio – Amphenol connects the entertainment world.

From instruments to mixing consoles, speakers to LED walls, and lighting to power distribution – Amphenol provides robust and reliable connectivity solutions tailored to the demanding environments of the entertainment industry. Whether on cruise ships, in concert halls, or at outdoor festivals, our connectors ensure seamless signal transmission and power delivery.

We offer custom cable assemblies and connector systems designed to meet the specific needs of audio, lighting, and control applications. Our solutions support professionals in integrating high-performance components into their setups – from front-of-house to backstage.

Interested?

We understand the interaction of all electrical currents as one system, targeting for simplicity, safety and efficiency.

Get in touch with our experienced specialists or distribution partners, available worldwide.

Contact
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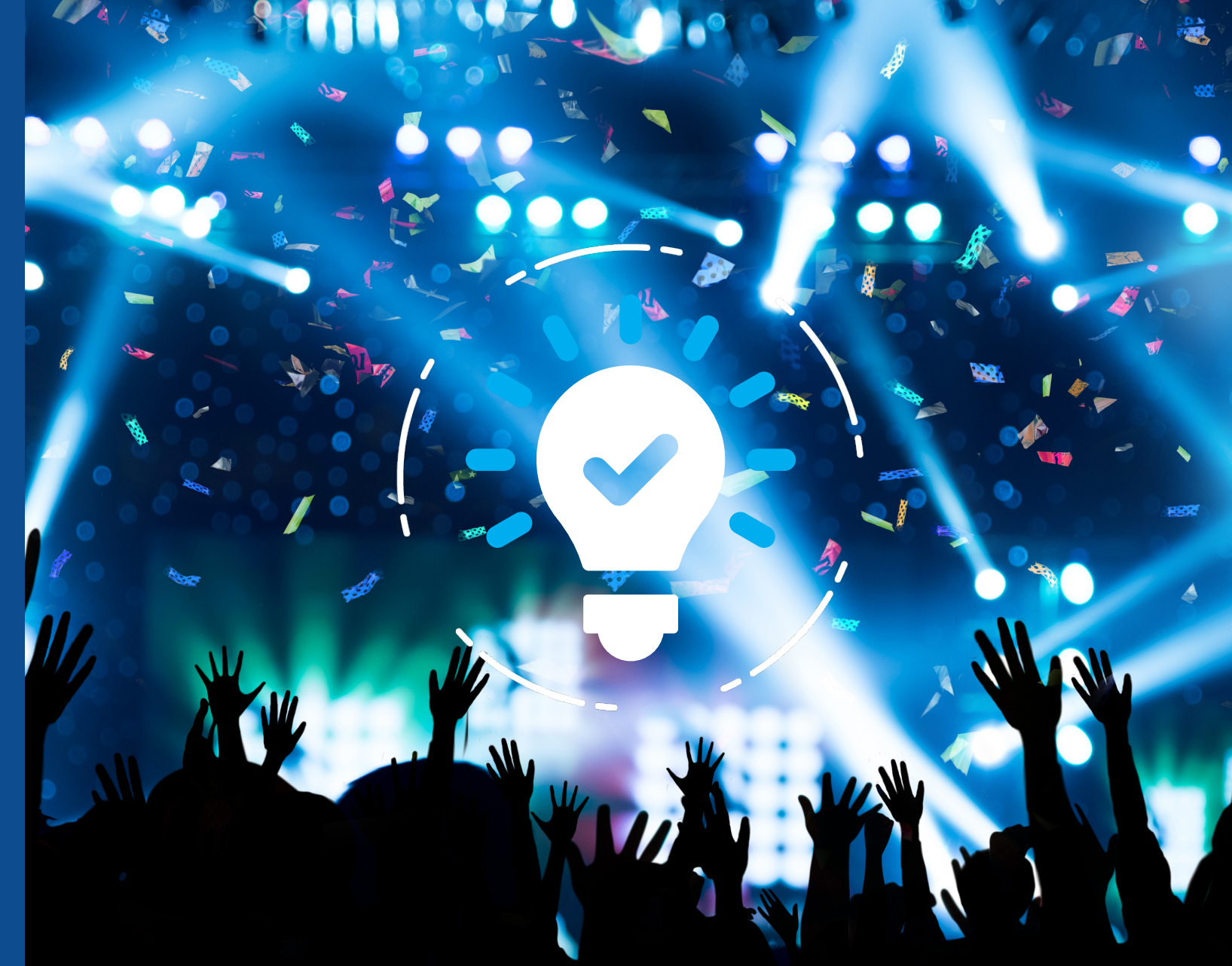
[//www.amphenol-industrial.de](http://www.amphenol-industrial.de)



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Solution Guide

Entertainment

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We connect what matters

Series	XLR	XLRnet	Power	Jack
Product Image				
Contact Positions	3 - 7	8	3	2-3
Voltage	133 V	125 V AC	250 V AC	34 V
AWG/mm²	14 AWG - 20 AWG	5 or 8 mm²	6,0 - 16 mm²	AWG 16 - AWG 18
Contact Current Ratings	5 A - 15 A	1,5 A per contact	20 A (25 A US)	10 A
IP Ratings	IP40, IP65	IP40 - IP65	IP20 - IP65	IP40
Mating Cycles	1.000	1.000	5.000	1.000
Typical Application	• Microphone, Instruments, Speakers, Amplifiers, Stage Lighting	• Speakers, Amplifiers, Stage Lighting	• Speakers, Amplifiers, Stage Lighting	• Instruments, Microphones, Head Phones
Relevant for	       	       	       	 

Phone	Speak	MiniXLR	RCA
			
2-3	2;4	3-6	2
34 V	133 V	50 V	50 V
-	AWG 10 - AWG 16	AWG 24 - AWG 28	AWG 14
10 A	20 A	1,2 A - 5 A	10 A
IP40	IP20 -IP40	-	IP40
1.000	5.000	1.000	500
• Instruments, Microphones, Head Phones	• Speakers, Amplifiers	• Microphones, Head Phones, Measurement	• Amplifiers, Instruments
 			

IEC 60309	heavy mate®	eco mate®	signal mate®	Series
				Product Image
2 - 5	1 - 216	3 - 48	2 - 19	Contact Positions
25 - 1000 V	up to 1000 V	Up to 900 V	Up to 300 V	Voltage
2 - 70 mm²	0.09-95 mm²	0,14 - 95 mm²	10 - 28 AWG	AWG/mm²
16 - 400 A	Up to 325 A	Up to 300 A	Up to 10 A	Contact Current Ratings
IP44/ IP67 /IP69	Up to IP69K	IP65/ IP69K	IP65/67 IP69K mated	IP Ratings
500 +	500 +	500 +	500 +	Mating Cycles
• Power	• Stage Lighting, Speakers, Power	• Architectural Lighting, Marine	• Architectural Lighting, Marine	Typical Application
   	   	   	    	Relevant for