

ADAME TECH



WATERPROOF CONNECTORS



Adam Tech's Waterproof Connector series is a broad range of M Style, Circular, and RJ45/USB mated sets with IP ratings ranging from IP66 - IP68. These connectors are offered in different pin counts and keying styles and can be used in many applications.

APPLICATIONS:

- Industrial Automation Applications
- Manufacturing and Machinery
- Food and Beverage Processing
- Industrial Communications
- Robotics
- Medical
- Farming and Agriculture
- Automotive and Railroad
- Oil Industry
- Harsh Environment and Rugged Applications

FEATURES AND BENEFITS:

- Panel Mount, Overmold w/Cable, Field Assembly Types
- Complete Pin Count Selection
- IP Sealing Options include IP66, IP67, IP68
- Straight and Right Angle
- Screw Locking Mechanisms



Waterproof M8 & M12 Styles

Adam Tech M8 & M12 Connector Systems and Assemblies are rugged, high durability, IP rated solutions for the most demanding applications. They are offered in the M8 and M12 sizes with varying levels of waterproof ratings from IP67 to IP69. Available as board connectors and also cable assemblies, this series is a popular choice for the most challenging environments and requirements.



PART NUMBER	TYPE	GENDER / MOUNTING TYPE	FOR A, B, C, & D STYLES	WATERPROOF RATING	PRODUCT DATA
SD-M12F-CAP1	M12	Male, Cap	N/A	IP67	View
SD-M12M-CAP1	M12	Female, Cap	N/A	IP67	View
SD-M8F-CAP1	M8	Male, Cap	N/A	IP67	View
SD-MMA12-MMTPH-SX0-001	M12	Male, Panel Mount, Solder Cup	A Coded	IP67	View
SD-MMAXX-FFTDL-SX0-000	M12	Male, Panel Mount, Straight PCB	A Coded	IP67	View
SD-MMAXX-FFTDL-SX0-002	M12	Female, Field Assembly Cable Mount	A Coded	IP67	View
SD-MMAXX-FFTPH-SX0-000	M12	Female, Panel Mount, Solder Cup	A Coded	IP67	View
SD-MMAXX-MMTPH-SX0-003	M12	Female, Panel Mount, Solder Cup	A Coded	IP67	View
SD-MMAXXX-MMTDL-SX0-000	M12	Male, Field Assembly Cable Mount	A Coded	IP67	View
SD-MMAXXX-MMTPH-PX0-000	M12	Female, Panel Mount, Solder Cup	A Coded	IP67	View
SD-MMAXXX-MMTPH-SX0-000	M12	Male, Panel Mount, Solder Cup	A Coded	IP67	View
SD-MMD04-FFTPH-PX0-000	M12	Female, Panel Mount, Straight PCB	D Coded	IP67	View
SD-MMD04-MMTPH-PX0-000	M12	Male, Panel Mount, Straight PCB	D Coded	IP67	View
SD-MMEXX-FFTPH-SX0-000	M8	Female, Panel Mount, Solder Cup	A Coded	IP67	View
SD-MMEXX-MMTPH-PX0-000	M8	Male, Panel Mount, Solder Cup	A Coded	IP67	View
SD-MMEXXX-FFTRH-SX0-000	M8	Female, Panel Mount, Solder Cup	A Coded	IP67	View
SD-MMEXXX-MMTPH-S70-000	M8	Male, Panel Mount, Solder Cup	A Coded	IP67	View
SD-MMEXXX-MMTPH-SX0-000	M8	Male, Panel Mount, Solder Cup	A Coded	IP67	View
SD-MMX08-FFTPH-PX0-001	M12	Female, Panel Mount, Straight PCB	X Coded	IP67	View
SD-MMX08-MMTDL-IX0-000	M12	Male, Field Assembly Cable Mount, IDC	X Coded	IP67	View
SD-MMXXX-FFTDL-SX0-013	M12	Female, Field Assembly Cable Mount	A or D Coded	IP67	View
SD-MMXXX-FFTPH-SX0-013	M12	Female, Panel Mount, Solder Cup	A or D Coded	IP67	View
SD-MMXXX-MMTDL-SX0-013	M12	Male, Cable Mount, Solder Cup	A or D Coded	IP67	View
SD-MMXXX-MMTPH-SX0-013	M12	Male, Panel Mount, Solder Cup	A or D Coded	IP67	View

PART NUMBER	TYPE	GENDER / MOUNTING TYPE	FOR A, B, C, & D STYLES	WATERPROOF RATING	PRODUCT DATA
SD-MMXX-MMTRH-SX0-013X	M12	Male, Panel Mount, Solder Cup	A or D Coded	IP67	View
SD-PMA02-FFTS	M12	Female, Cable Mount	A Coded	IP67	View
SD-PMA02A-FFTS	M12	Female, Cable Mount	A Coded	IP67	View
SD-PMA03A-FFTS3	M12	Female, Cable Mount	A Coded	IP67	View
SD-PMA04-FFTS4	M12	Female, Cable Mount	A Coded	IP67	View
SD-PMA05-FFTS5	M12	Female, Cable Mount	A Coded	IP67	View
SD-PMA05-MMTRH-SX0-000	M12	Male, Panel Mount, Solder Cup	A Coded	IP67	View
SD-PMA05B-FFTBL-C7A-16	M12	Female, Straight, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMA05B-FFTBL-C7A-16_5FT	M12	Female, Straight, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMA08-MMTPH-RX0-000	M12	Male, Panel Mount, Right Angle, PCB	A Coded	IP67	View
SD-PMAXX-FFTBL-CXX-XFT	M12	Female, Straight, Overmolded on Cable Assembly	A Coded	IP67 or IP68	View
SD-PMAXX-FFTDL-SX0-001	M12	Female, Field Assembly Cable Mount	A Coded	IP67	View
SD-PMAXX-FFTPH-RX0-000	M12	Female, Panel Mount, Right Angle, PCB	A Coded	IP67	View
SD-PMAXX-MMTDL-SX0-001	M12	Male, Field Assembly Cable Mount	A Coded	IP67	View
SD-PMAXX-MMTPH-RX0-000	M12	Male, Panel Mount, Right Angle PCB	A Coded	IP67	View
SD-PMAXX-FFTBR-CXX-XFT	M12	Female, Right Angle, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMAXX-MMTBL-CXX-XFT	M12	Male, Straight, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMAXX-MMTBL-CXX-XXXM	M12	Male, Straight, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMAXX-MMTBR-CXX-XFT	M12	Male, Right Angle, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMB05-FFTRH-PX0-000	M12	Female, Panel Mount, Straight, Solder Cup	B Coded	IP67	View
SD-PMDXX-FFTDL-SX0-000	M12	Female, Field Assembly Cable Mount	D Coded	IP67	View
SD-PMDXX-MMTDL-SX0-000	M12	Male, Field Assembly Cable Mount	D Coded	IP67	View
SD-PMEXX-FFTDL-SX0-001	M8	Female, Field Assembly Cable Mount	A Coded	IP67	View
SD-PMEXX-FFTPH-RX0-000	M8	Female, Panel Mount, Right Angle PCB	A Coded	IP67	View
SD-PMEXX-MMTPH-PX0-001	M8	Male, Panel Mount, Straight, PCB	A Coded	IP67	View
SD-PMEXX-MMTPH-RX0-000	M8	Male, Panel Mount, Right Angle PCB	A Coded	IP67	View
SD-PMEXX-FFTBL-CXX-XFT	M8	Female, Straight, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMEXX-FFTBL-CXX-XXXM	M8	Female, Straight, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMEXX-FFTBR-CXX-XFT	M8	Female, Right Angle, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMEXX-MMTBL-CXX-XFT	M8	Male, Straight, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMEXX-MMTDL-SX0-000	M8	Male, Field Assembly Cable Mount	A Coded	IP67	View
SD-PMG04-FFTPH-RX0-000	M5	Female, Panel Mount, Straight, PCB	A Coded	IP67	View
SD-PMG04-MMTPH-RX0-000	M5	Male, Panel Mount, Straight, PCB	A Coded	IP67	View
SD-PMGXX-FFTBL-CXX-XFT	M5	Female, Straight, Overmolded on Cable Assembly	A Coded	IP67	View
SD-PMGXX-MMTBL-CXX-XFT	M5	Male, Field Assembly Cable Mount	A Coded	IP67	View
SD-PMX08-MMTBL-CXX-XFT	M12	Male, Straight, Overmolded on Cable Assembly	X Coded	IP67 or IP68	View
SD-PNXXX-MMTAL-S00-013	M12	Male, Field Assembly Cable Mount	A or D Coded	IP-67	View

Waterproof Circular Styles

Adam Tech's coded connectors and cable assemblies are a broad range style of industry standard coded waterproof solutions. Ranging from IP67 to IP69, these ruggedized systems are designed to handle harsh environments while providing the utmost reliability.



PART NUMBER CONFIGURATION							
EXAMPLE	SD	-	CA03A	-	MMBPH	-	S70-000
SERIES	SERIES, SIZE, STYLE, POSITIONS	CONNECTOR STYLE, CONTACT TYPE, MATING STYLE, S/R OR LOCK STYLE, BACK SHELL	ASSEMBLY STYLE, IP RATING, SERIAL NUMBER				
SD = Waterproof	<p>1st Characters for Series C = Circular</p> <p>2nd Character for Size A = Mini (7/16") B = Standard (5/8") C = Middle (13/16") D = Large (1") E = Marco (1, 3/16") F = (7/8") G = SP13</p> <p>3rd ~4th Character for Positions 02, 03, ..., Pins (Positions)</p> <p>5th Character for Contact Ampere A, B, ..., (Refer to drawing for rating mapping)</p>	<p>1st Characters for Connector Style M = Male Connector F = Female Connector</p> <p>2nd Character for Contact Type M = Male Contact F = Female Contact C = Hybrid (Different Size Male Contacts) D = Hybrid (Different Size Female Contacts) E = Female (Large Amp) + Male (Smaller Amp) F = Male (Large Amp) + Female (Smaller Amp)</p> <p>3rd Character for Mating Style T = Thread/Screw B = Bayonet/Twist Lock</p> <p>4th Character for S/R or Lock Style A = Molding Cable w/ SR B = Molding Cable w/o SR C = Ass'y Type w/ SR D = Ass'y Type w/o SR P = Panel Front Mount R = Panel Rear Mount S = Semi-finished product (P/N end here)</p> <p>5th Character for Back Shell L = Straight (180° Cable, Ass'y Type) R = R/A (90° Cable, Ass'y Type) C = Circular Panel Flange H = Front Hexagonal Nut Panel</p>	<p>1st Character for Assembly Style S = Solder Type P = 180° PCB Type R = 90° PCB Type W = Screw in Type C = Molding Type I = IDC CR = Crimp Type</p> <p>2nd Character for IP Rating N = No IP 6 = IP 66 7 = IP 67 8 = IP 68</p> <p>3rd Character for Cable Type 0 = Panel or No Cable A = UL2464 B = SJTW C = UL2517 D = Cat5E E = Cat6 G = Cat6A</p> <p>4th ~6th Character for Cable Length 000 = No Cable 1FT, 3FT, 9FT...</p>				
<p>MAXIMUM CHARACTERS</p> <p>Std. P/N = 20 Customization P/N = 24</p> <p>FOR NON STANDARD OR CUSTOMIZATION</p> <p>Substituted with under after Back shell ANXXXXX-X = Customization Case Numbers (Ex, WP-CA03-MMBPH-AN10920-1)</p>							

PART NUMBER	GENDER / MOUNTING TYPE	WATERPROOF RATING	PRODUCT DATA
SD-BM-CAPIX	Male, Cap, B Size	N/A	View
SD-BM-CAP2	Male, Dust Cover, B Size	N/A	View
SD-CAXX-MMBBR-CXX-XFT	Male, Right Angle, Overmolded on Cable Assembly	IP67	View
SD-CAXX-MMBPH-SX0-000	Male, Panel Mount, Solder Cup	IP67	View
SD-CAXX-FFBBL-CXX-XFT	Male, Straight, Overmolded on Cable Assembly	IP67	View
SD-CBXX-MMBBL-CXX-XFT	Male, Straight, Overmolded on Cable Assembly	IP67	View
SD-CBXX-MMBPH-SX0-001	Male, Panel Mount, Solder Cup	IP67	View
SD-CBXX-FFBAL-CXX-XFT	Female, Straight, Overmolded on Cable Assembly	IP67	View
SD-CBXX-FFBAL-CXX-XXXM	Female, Straight, Overmolded on Cable Assembly	IP67	View
SD-CBXX-FFBBL-CXX-XFT	Female, Straight, Overmolded on Cable Assembly	IP67	View
SD-CBXX-FFBDL-SX0-000	Female, Field Assembly Cable Mount	IP67	View
SD-CBXX-FFTAL-CXX-XFT	Female, Straight, Overmolded on Cable Assembly	IP67	View
SD-CBXX-FFTAL-CXX-XXXM	Female, Straight, Overmolded on Cable Assembly	IP67	View
SD-CBXX-FFTBL-CXX-XFT-X	Female, Straight, Overmolded on Cable Assembly	IP67	View
SD-CBXX-FFTDL-SX0-000	Female, Field Assembly Cable Mount	IP67	View
SD-CBXX-MMBDL-SX0-000	Male, Field Assembly Cable Mount	IP67	View
SD-CBXX-MMBPH-PX0-001	Male, Panel Mount, PCB	IP67	View
SD-CBXX-MMBPH-SX0-000	Male, Panel Mount, Solder Cup	IP67	View
SD-CBXX-MMTDL-SX0-000	Male, Field Assembly Cable Mount	IP67	View
SD-CBXX-MMTPH-PX0-000	Male, Panel Mount, PCB	IP67	View
SD-CBXX-MMTPH-SX0-000	Male, Panel Mount, Solder Cup	IP67	View
SD-CBXX-MMTRH-PX0-000	Male, Panel Mount, PCB	IP67	View
SD-CBXX-MMTRH-SX0-000	Male, Panel Mount, Solder Cup	IP67	View
SD-CCXX-MMBPH-SX0-000	Male, Panel Mount, Solder Cup	IP67	View
SD-CCXX-FFBBL-CXX-XFT	Male, Straight, Overmolded on Cable Assembly	IP67	View
SD-CCXX-FFBDL-SX0-000	Female, Field Assembly Cable Mount	IP67	View
SD-CCXX-MMBBL-CXX-XFT	Male, Straight, Overmolded on Cable Assembly	IP67	View
SD-CCXX-MMBDL-SX0-000	Male, Field Assembly Cable Mount	IP67	View
SD-CCXX-MMBPH-SX0-000	Male, Panel Mount, Solder Cup	IP67	View
SD-CD35-FCBAL-CXX-XXXM	Female, Straight, Overmolded on Cable Assembly	IP67	View
SD-CD35-MDBPH-PX0-000	Male, Panel Mount, PCB	IP67	View
SD-CD37-MDBPH-SX000	Male, Panel Mount, Solder Cup	IP67	View
SD-CDXX-MMBPH-SX0-000	Male, Panel Mount, Solder Cup	IP67	View
SD-CDXX-FFBAR-CXX-XFT	Male, Right Angle, Overmolded on Cable Assembly	IP67	View
SD-CDXX-FFBDL-SX0-000	Female, Field Assembly Cable Mount	IP67	View
SD-CM-CAPI	Male, Cap, RJ45	N/A	View

Waterproof RJ45 & USB

Adam Tech offers a range of weatherproof, ruggedized, IP rated RJ45 and USB connector sets in various styles. Custom designs can also be made upon request.



PART NUMBER CONFIGURATION			
EXAMPLE			
	SD	-	UPAC
		-	JBPC
			-
			J7D-1FT
SERIES	SERIES, STYLE, SIZE	CONNECTOR STYLE, MATING STYLE, S/R OR LOCK STYLE, BACK SHELL	ASSEMBLY STYLE, IP RATING, CATEGORY/ SHIELDING, SERIAL NUMBER
SD = Waterproof	1st~2nd or 3rd Characters for Series RM = RJ45 Metal Housing Metal Nut RP = RJ45 Plastic Housing Plastic Nut RPM = RJ45 Plastic Housing Metal Nut UPA = USB 2.0 A-TYPE Plastic Housing Plastic Nut U3PA = USB 3.0 A-TYPE Plastic Housing Plastic Nut NPB = Mini USB B-TYPE Plastic Housing Plastic Nut A2P = 2.5mm Audio Connector Plastic Housing Plastic Nut A3P = 3.5mm Audio Connector Plastic Housing Plastic Nut A4P = 1/4 inch (6.35mm) Audio Connector Plastic Housing Plastic Nut DE9P = D-sub 9 Pin Plastic hood HDPA = HDMI Type-A Plastic Housing Plastic Nut 3rd or 4th Character for Size/Code C = Middle (13/16") S = Square hole panel K = Key lock	1st Characters for Connector Style P = Plug Connector J = Jack Connector 2nd Character for Mating Style T = Thread/Screw B = Bayonet/Twist Lock S = Snap in U = Thumb Screw 3rd Character for S/R or Lock Style A = Molding Cable w/ SR B = Molding Cable w/o SR C = Ass'y Type w/ SR D = Ass'y Type w/o SR E = W/Cable w/o SR (PCB Type) P = Panel Front Mount R = Panel Rear Mount 4th Character for Back Shell L = Straight (180° Cable, Ass'y Type) C = Circular Panel M = Module jack	1st Character for Assembly Style S = Solder Type or w/cable plug C = Molding Type direct cut J = Jack G = Plug A = Adapter PS = Pin header Straight PR = Pin header Right angle WS = Wafer Straight WR = Wafer Right angle TB = Transfer Board 2nd Character for IP Rating 6 = IP 66 7 = IP 67 8 = IP 68 3rd Character for Cable Type O = Panel or No Cable A = Cat5 Shield (STP) B = Cat5 Un-Shield (UTP) C = Cat5E Shield D = Cat5E Un-Shield E = Cat6 Shield F = Cat6 Un-Shield G = Cat6A Shield H = Cat6A Un-Shield J = Cat5E Fn-Shield (FTP) L = USB Type A M = USB Type B 4th ~6th Character for Cable Length 000 = No Cable 1FT, 3FT, 9FT...
MAXIMUM CHARACTERS			
Std. P/N = 18			
Customization P/N = 21			
FOR NON STANDARD OR CUSTOMIZATION			
Substituted with under after Back shell			
ANXXXXX-X = Customization Case Numbers (Ex, WP-RPC-JBPC-AN10920-1)			

PART NUMBER	TYPE	WATERPROOF RATING	GENDER / MOUNTING TYPE	PRODUCT DATA
SD-HDPA-JBRC-SX0-009	HDMI	IP67	Female, Panel Mount, Solder	View
SD-NPBC-JTPC-TB70-000	Mini USB	IP67	Male, Panel Mount, Transfer Board	View
SD-NPBC-JTPC-TBX0-000	Mini USB	IP67	Male, Panel Mount, Transfer Board	View
SD-NPBC-PTAL-CXX-XFT	Mini USB	IP67	Male, Cable Mount	View
SD-RPC-JBPC-AX0-000	RJ45	IP67	Female, Panel Mount, Straight PCB	View
SD-RPC-JBPC-PSX0-000	RJ45	IP67	Female, Panel Mount, Straight PCB	View
SD-RPC-JBPC-PSX0-001	RJ45	IP67	Female, Panel Mount, Straight PCB	View
SD-RPC-JBPC-WRX0-000	RJ45	IP67	Female, Panel Mount, Right Angle PCB	View
SD-RPC-JBPC-WSX0-000	RJ45	IP67	Female, Panel Mount, Straight PCB	View
SD-RPC-JTBL-CXX-XFT	RJ45	IP67	Female, Panel Mount, Right Angle PCB	View
SD-RPC-JTPC-PRX0-000	RJ45	IP67	Female, Panel Mount, Straight PCB	View
SD-RPC-JTPC-PSX0-000	RJ45	IP67	Female, Panel Mount, Straight PCB	View
SD-RPC-JTPC-WRX0-000	RJ45	IP67	Female, Panel Mount, Right Angle Conn	View
SD-RPC-JTPC-WSX0-000	RJ45	IP67	Female, Panel Mount, Straight Conn	View
SD-RPC-PBBL-CXX-XFT	RJ45	IP67	Male, Cable Mount	View
SD-RPC-PBDL-GXX-000	RJ45	IP67	Male, Cable Mount	View
SD-RPC-PTBL-CXX-XFT	RJ45	IP67	Male, Cable Mount	View
SD-RPC-PTDL-GXX-000	RJ45	IP67	Male, Cable Mount	View
SD-RPC-PTDL-GXX-001	RJ45	IP67	Male, Cable Mount	View
SD-UPAC-JBPC-PSX0-000	USB	IP67	Female, Panel Mount, Straight PCB	View
SD-UPAC-JTPC-PS70-001	USB	IP67	Female, Panel Mount, Straight PCB	View
SD-UPAC-JTPC-PSX0-000	USB	IP67	Female, Panel Mount, Straight PCB	View
SD-UPAC-PBBL-CXX-XFT	USB	IP67	Male, Cable Mount	View

ADAM TECH

ADAM TECH USA (WORLDWIDE HQ)

909 Rahway Ave.
Union, NJ 07083
U.S.A.
Tel: 908-687-5000
Fax: 908-687-5710

ADAM TECH EUROPE

Marcel Schwob
Ludwig-Erhard-Allee 10
76131 Karlsruhe, Germany
Tel: +49 (0) 176 47286567
marcel.schwob@adam-tech.com

ADAM TECH SOUTH AMERICA

Cesar Nakajune
Sao Paulo, Brazil
Tel: 55-11-2376-2983
cesar.nakajune@seed4b.com

ADAM TECH TAIWAN

9F-3, No. 10, Lane 609, Sec. 5, Chongxin Rd.
Sancong Dist., New Taipei City 241
Taiwan (R.O.C.)
Tel: 886-2 2999 8028
Fax: 886-2 2999 8062

ADAM TECH CHINA

Yingfeng 1st Road, Dajingtou Community
Dalang Town, Dongguan City
Guangdong Province
China (P.R.C.)
Tel: 886-2 2999 8028
Fax: 886-2 2999 8062

To contact us, scan the QR
code to reach our website
inquiry form.



adam-tech.com