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ISO VIEW OF AC3MM

SHELL

PIN INSERT

CABLE CLAMP

BOOT

ISO VIEW OF AC3FI

RUBBER RING

SHELL

IDC SOCKET INSERT

IDC CABLE CLAMP

BOOT
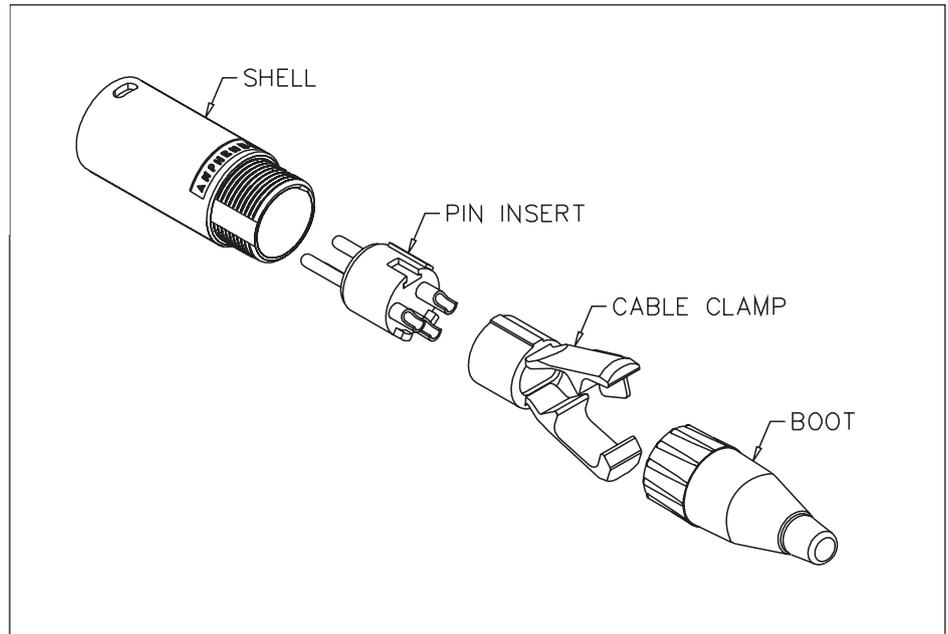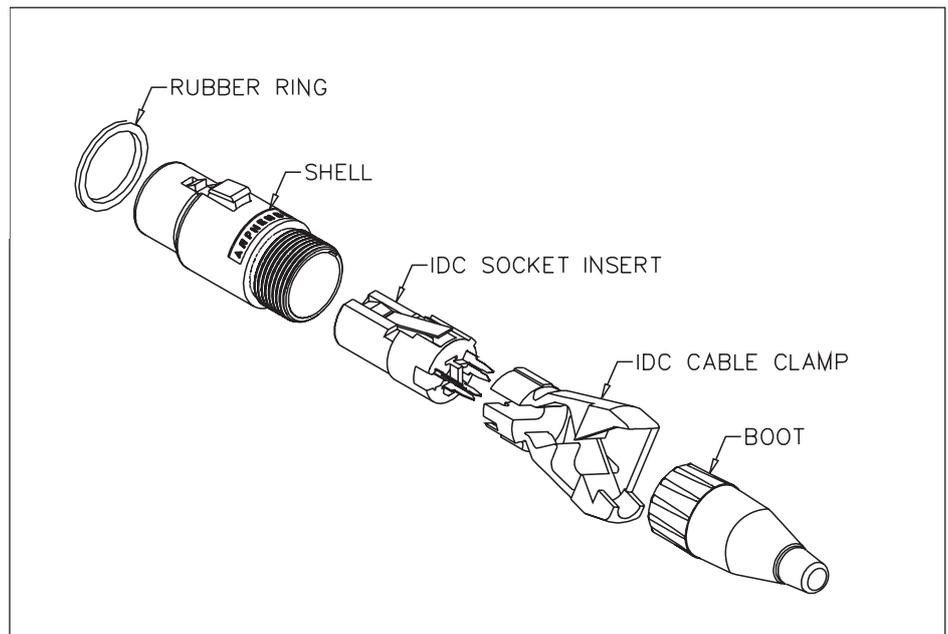
AMPHENOL AUSTRALIA WEBSITE

www.amphenol.com.au

AMPHENOL WORLD HEADQUARTERS WEBSITE

www.amphenol.com

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ENTERTAINMENT INTERCONNECT CATALOGUE - Amphenol Australia Pty Ltd Telephone 61 3 8796 8888 Fax 61 3 8796 8801   www.amphenol.com.au

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AC SERIES XLR CABLE CONNECTORS

Amphenol Australia have been manufacturing and designing innovative XLR connectors since 1955 and were the first to offer the cost saving Insulation Displacement Contact (IDC) in an XLR connector. The IDC connector is ideal for Original Equipment Manufacturers and end users alike and offers an alternative to our standard solder connector. The AC series cable connector range complies with IEC268-12 and AES 14-1992 standards. CSA File Number 68598.

Features

- AC series XLR connectors feature the unique Australian design and patented "Jaws" cable retention system for both standard Solder connectors and the Insulation Displacement Contact (IDC) connectors.
- A leading first mate last break socket contact is standard on all female connectors (Pin 1).
- The "Jaws" cable retention system provides up to 44kg (100lb) of strain.
- Solderless IDC technology offers savings of up to 60% in termination time.
- The AC series connector can be quickly and easily assembled without screws – by hand or portable termination tool. (Part number T2860)
- Available in 3, 4, 5, 6A and 7 contact arrangements.
- Compatible with all other XLR brands.

Options

- Solder Bucket termination
- Insulation Displacement Contact (IDC)
- Thermoplastic shell
- Zinc Diecast shell - Satin Nickel Finish
- Zinc Diecast shell - Black Polyester Finish
- Gold, Silver or Tin Plated contacts
- Bulk Style Packaging
- Single Bag packs
- Precision machined contacts
- Cost effective stamped contacts on 3 pole

Options (Cont'd)

- Standard Jaws cable clamp, Cable O.D 3mm to 6.5mm (0.118" to 0.255")
- Large Jaws cable clamp, Cable O.D 6.5mm to 8mm (0.255" to 0.314")
- IDC Jaws cable clamp, Max. Cable O.D 5.85mm (0.23")
- Metal Boots / Backshells
- Coloured Boots / Backshells
- Coloured Identification rings
- Termination / Assembly tooling

Jaws Cable Clamp Options

Standard Jaws cable clamp (Black), Cable O.D 3mm to 6.5mm (0.118" to 0.255")

Large Jaws cable clamp (Purple), Cable O.D 6.5mm to 8mm (0.255" to 0.314")

Ordering Codes

We have listed the more common ordering codes in each section. For further options please refer to the part number breakdown charts. Please contact us if you need any further assistance.

Applicable Patents

US Patent No. 5,439,388

Simple steps to guide you in using this catalogue

1) Identify the product group listed in Contents on Page 1 and go directly to that page number.

2) Each product group cover page then details information and options available.

3) Refer to the product detail pages and identify the product you require pictorially.

4) Read the product description column for the products standard features.

5) Use variations column to determine your choice.

6) Identify part number.

7) In the event the particular option you require is not listed please refer to the part number breakdown page at the end of each section.

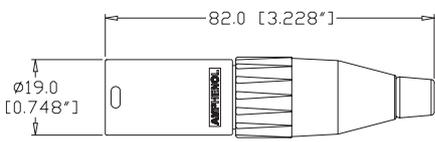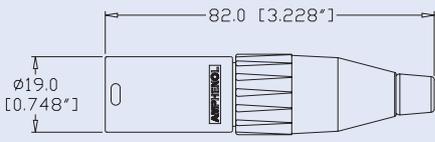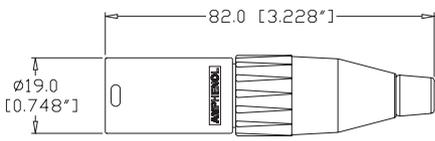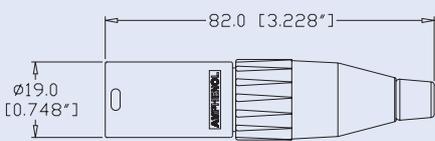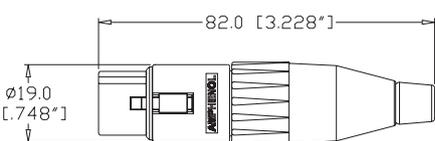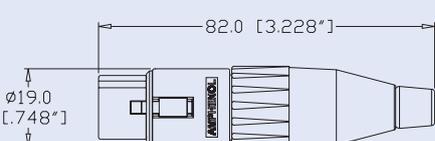8) Please contact us directly if you have any further problems.

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Features:
- Zinc Diecast Shell.
- Solder Bucket connections.
- "Jaws" Cable Retention System.
- Contact layouts in 3, 4, 5, 6A and 7.
- Precision machined or Stamped contacts.
- Leading first mate last break socket contact.
- Quick and easy assembly without screws – by hand or portable termination tool. (Part number T2860.)

Options: Stamped Contacts (3 contact only), Gold plated contacts, Large or Small Jaws Cable Clamp, Black Finish Shell, Bulk Pack, Coloured Boots / Backshells

Part Number Breakdown: Page 7

Specifications: Page 13-14

PRODUCT - FIGURE	DRAWING Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
	82.0 [3.228"] Ø19.0 [0.748"] AMPHENOL	XLR 3 pole male, Machined contacts, Nickel Finish, Jaws cable clamp	Standard	AC3MM
			Gold Plated Contacts	AC3MM-AU
			Large Cable Clamp	AC3MMJ
			Bulk Pack	AC3MM BULK
	82.0 [3.228"] Ø19.0 [0.748"] AMPHENOL	XLR 3 pole male, Machined contacts, Black Finish, Jaws cable clamp	Standard	AC3MMB
			Gold Plated Contacts	AC3MMB-AU
			Large Cable Clamp	AC3MMBJ
			Bulk Pack	AC3MMB BULK
	82.0 [3.228"] Ø19.0 [0.748"] AMPHENOL	XLR 3 pole male, Stamped contacts, Nickel Finish, Jaws cable clamp	Standard	AC3M
			Gold Plated Contacts	AC3M-AU
			Large Cable Clamp	AC3MJ
			Bulk Pack	AC3M BULK
	82.0 [3.228"] Ø19.0 [0.748"] AMPHENOL	XLR 3 pole male, Stamped contacts, Black Finish, Jaws cable clamp	Standard	AC3MB
			Gold Plated Contacts	AC3MB-AU
			Large Cable Clamp	AC3MBJ
			Bulk Pack	AC3MB BULK
	82.0 [3.228"] Ø19.0 [.748"] AMPHENOL	XLR 3 pole female, Stamped contacts, Nickel Finish, Jaws cable clamp	Standard	AC3F
			Gold Plated Contacts	AC3F-AU
			Large Cable Clamp	AC3FJ
			Bulk Pack	AC3F BULK
	82.0 [3.228"] Ø19.0 [.748"] AMPHENOL	XLR 3 pole female, Stamped contacts, Black Finish, Jaws cable clamp	Standard	AC3FB
			Gold Plated Contacts	AC3FB-AU
			Large Cable Clamp	AC3FBJ
			Bulk Pack	AC3FB BULK

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PRODUCT - FIGURE	DRAWING Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
	82.0 [3.228"] Ø19.0 [0.748"]	XLR 4 pole male, Machined contacts, Nickel Finish, Jaws cable clamp	Standard	AC4M
			Gold Plated Contacts	AC4M-AU
			Large Cable Clamp	AC4MJ
			Bulk Pack	AC4M BULK
	82.0 [3.228"] Ø19.0 [0.748"]	XLR 4 pole male, Machined contacts, Black Finish, Jaws cable clamp	Standard	AC4MB
			Gold Plated Contacts	AC4MB-AU
			Large Cable Clamp	AC4MBJ
			Bulk Pack	AC4MB BULK
	82.0 [3.228"] Ø19.0 [.748"]	XLR 4 pole female, Stamped contacts, Nickel Finish, Jaws cable clamp	Standard	AC4F
			Gold Plated Contacts	AC4F-AU
			Large Cable Clamp	AC4FJ
			Bulk Pack	AC4F BULK
	82.0 [3.228"] Ø19.0 [.748"]	XLR 4 pole female, Stamped contacts, Black Finish, Jaws cable clamp	Standard	AC4FB
			Gold Plated Contacts	AC4FB-AU
			Large Cable Clamp	AC4FBJ
			Bulk Pack	AC4FB BULK
	82.0 [3.228"] Ø19.0 [0.748"]	XLR 5 pole male, Machined contacts, Nickel Finish, Jaws cable clamp	Standard	AC5M
			Gold Plated Contacts	AC5M-AU
			Large Cable Clamp	AC5MJ
			Bulk Pack	AC5M BULK
	82.0 [3.228"] Ø19.0 [0.748"]	XLR 5 pole male, Machined contacts, Black Finish, Jaws cable clamp	Standard	AC5MB
			Gold Plated Contacts	AC5MB-AU
			Large Cable Clamp	AC5MBJ
			Bulk Pack	AC5MB BULK
	82.0 [3.228"] Ø19.0 [.748"]	XLR 5 pole female, Machined contacts, Nickel Finish, Jaws cable clamp	Standard	AC5F
			Gold Plated Contacts	AC5F-AU
			Large Cable Clamp	AC5FJ
			Bulk Pack	AC5F BULK
	82.0 [3.228"] Ø19.0 [.748"]	XLR 5 pole female, Machined contacts, Black Finish, Jaws cable clamp	Standard	AC5FB
			Gold Plated Contacts	AC5FB-AU
			Large Cable Clamp	AC5FBJ
			Bulk Pack	AC5FB BULK

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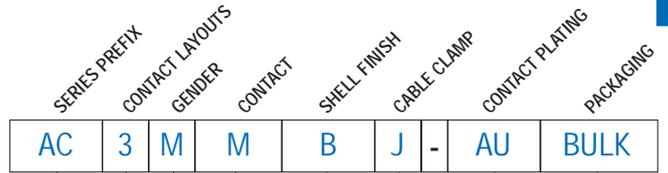| PRODUCT - FIGURE	DRAWING Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
	82.0 [3.228"] Ø19.0 [0.748"]	XLR 6A pole male, Machined contacts, Nickel Finish, Jaws cable clamp	Standard	AC6AM
			Gold Plated Contacts	AC6AM-AU
			Large Cable Clamp	AC6AMJ
			Bulk Pack	AC6AM BULK
	82.0 [3.228"] Ø19.0 [0.748"]	XLR 6A pole male, Machined contacts, Black Finish, Jaws cable clamp	Standard	AC6AMB
			Gold Plated Contacts	AC6AMB-AU
			Large Cable Clamp	AC6AMBJ
			Bulk Pack	AC6AMB BULK
	82.0 [3.228"] Ø19.0 [.748"]	XLR 6A pole female, Machined contacts, Nickel Finish, Jaws cable clamp	Standard	AC6AF
			Gold Plated Contacts	AC6AF-AU
			Large Cable Clamp	AC6AFJ
			Bulk Pack	AC6AF BULK
	82.0 [3.228"] Ø19.0 [.748"]	XLR 6A pole female, Machined contacts, Black Finish, Jaws cable clamp	Standard	AC6AFB
			Gold Plated Contacts	AC6AFB-AU
			Large Cable Clamp	AC6AFBJ
			Bulk Pack	AC6AFB BULK
	82.0 [3.228"] Ø19.0 [0.748"]	XLR 7 pole male, Gold plated Machined contacts, Nickel Finish, Jaws cable clamp	Standard	AC7M
			Large Cable Clamp	AC7MJ
			Bulk Pack	AC7M BULK
	82.0 [3.228"] Ø19.0 [0.748"]	XLR 7 pole male, Gold plated Machined contacts, Black Finish, Jaws cable clamp	Standard	AC7MB
			Large Cable Clamp	AC7MBJ
			Bulk Pack	AC7MB BULK
	82.0 [3.228"] Ø19.0 [.748"]	XLR 7 pole female, Gold plated Machined contacts, Nickel Finish, Jaws cable clamp	Standard	AC7F
			Large Cable Clamp	AC7FJ
			Bulk Pack	AC7F BULK
	82.0 [3.228"] Ø19.0 [.748"]	XLR 7 pole female, Gold plated Machined contacts, Black Finish, Jaws cable clamp	Standard	AC7FB
			Large Cable Clamp	AC7FBJ
			Bulk Pack	AC7FB BULK

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PART NUMBER BREAKDOWN

METAL SHELL TYPE - SOLDER

SERIES PREFIX	CONTACT LAYOUTS	GENDER	CONTACT	SHELL FINISH	CABLE CLAMP	CONTACT PLATING	PACKAGING
AC	3	M	M	B	J	- AU	BULK

E. G . **AC3MMBJ-AU BULK**
AC (Series Prefix), **3** contacts, **M**ale, **M**achined Contacts, **B**lack Polyester Finish,
J (Large Jaws),- **AU** (Gold Plated Contacts), **Bulk** Packaged.

SERIES PREFIX	AC	=	Series Prefix
CONTACT LAYOUTS	3	=	3 Contacts
	4	=	4 Contacts
	5	=	5 Contacts
	6A	=	6 Contacts
	7	=	7 Contacts
GENDER	F	=	Female Socket Contacts
	M	=	Male Pin Contacts
CONTACT	Blank	=	Stamped Contacts
	M	=	Machined Contacts
	G	=	Stamped Contacts, Ground Tag
	MG	=	Machined Contacts, Ground Tag (Applicable 3 male pin contacts, option M and MG only)
	NOTE:		4 - 7 contact connectors have machined contacts and grounding as standard. They are not available in stamped contacts.
SHELL FINISH	Blank	=	Nickel Plated Finish
	B	=	Black Polyester Finish
CABLE CLAMP	Blank	=	Standard Jaws 3 mm - 6.5 mm cable O.D. (0.118" to 0.255")
	J	=	Large Jaws 6.5mm - 8mm cable O.D. (0.255" to 0.314")
	Blank	=	Standard Plating (Silver or Tin - Refer to Standard Data.) NOTE: 7 Contact is gold plated as standard.
	AU	=	Gold Plated
PACKAGING	Blank	=	Individual Bags
	BULK	=	Bulk Packed

Note: All AC Series Connectors are available with optional colour coded boot / backshell.
Refer to page 60 and simply add colour to end of part number. Example: AC3MM - RED

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JAWS

Features:
• Thermoplastic Shell.
• Solder Bucket Connections.
• "Jaws" Cable Retention System.
• Stamped or Machined Contacts.
• Leading first mate last break socket contact.
• Quick and easy assembly without screws – by hand or
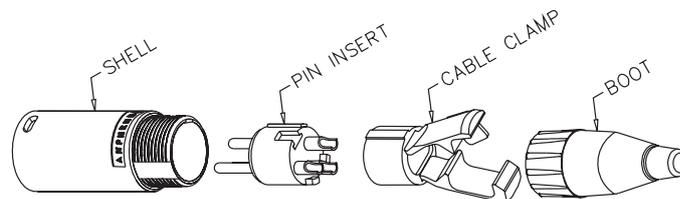 portable termination tool. (Part number T2860.)

Options: Gold Plated Contacts, Stamped Contacts (3 Contact only),
Bulk Pack, Coloured Boots / Backshells
3, 4, 5, 6A and 7 Contacts.

Specifications: Page 13-14

PRODUCT - FIGURE	DRAWING Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
	82.0 [3.228"] Ø19.0 [0.748"] AMPHENOL	XLR 3 pole male, Machined contacts, Thermoplastic shell, Jaws cable clamp	Standard	AC3MMCP
			Gold Plated Contacts	AC3MMCP-AU
			Large Cable Clamp	AC3MMCPJ
			Bulk Pack	AC3MMCP BULK
	82.0 [3.228"] Ø19.0 [0.748"] AMPHENOL	XLR 3 pole male, Stamped contacts, Thermoplastic shell, Jaws cable clamp	Standard	AC3MCP
			Gold Plated Contacts	AC3MCP-AU
			Large Cable Clamp	AC3MCPJ
			Bulk Pack	AC3MCP BULK
	82.0 [3.228"] Ø19.0 [0.748"] AMPHENOL	XLR 3 pole female, Stamped contacts, Thermoplastic shell, Jaws cable clamp	Standard	AC3FCP
			Gold Plated Contacts	AC3FCP-AU
			Large Cable Clamp	AC3FCPJ
			Bulk Pack	AC3FCP BULK

Note: Thermoplastic shell connectors are also available in 4 - 7 contact arrangements, please contact us for ordering code.

ISO VIEW OF AC3MM

SHELL   PIN INSERT   CABLE CLAMP   BOOT

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The Insulation Displacement Contact (IDC) connector is ideal for Original Equipment Manufacturers and end users alike and offers an alternative to our standard solder connector. Connectors can be quickly and easily assembled without screws or a soldering iron – by hand or portable termination tool. (Part number T2860.)
Labour savings of up to 60% in termination time can be achieved.

Recommended Cable Dimensions: Page 14

Features:
- Zinc Diecast Shell
- Available in 3 Contact only.
- Insulation Displacement Contacts (IDC - Solderless).
- "Jaws" Cable Retention System.
- Leading first mate last break socket contact.

Options: Gold plated contacts, Black Finish Shell, Bulk Pack, Coloured Boots / Backshells.

Part Number Breakdown:Page 10 Specifications: Page13-14
Assembly Instructions: Page 12

PRODUCT - FIGURE	DRAWING　　　Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
	82.0 [3.228"]　Ø19.0 [0.748"]	XLR 3 pole male, IDC contacts, Nickel Finish, IDC Jaws cable clamp	Standard	AC3MI
			Gold Plated Contacts	AC3MI-AU
			Bulk Pack	AC3MI BULK
	82.0 [3.228"]　Ø19.0 [0.748"]	XLR 3 pole male, IDC contacts, Black Finish, IDC Jaws cable clamp	Standard	AC3MIB
			Gold Plated Contacts	AC3MIB-AU
			Bulk Pack	AC3MIB BULK
	82.0 [3.228"]　Ø19.0 [.748"]	XLR 3 pole female, IDC contacts, Nickel Finish, IDC Jaws cable clamp	Standard	AC3FI
			Gold Plated Contacts	AC3FI-AU
			Bulk Pack	AC3FI BULK
	82.0 [3.228"]　Ø19.0 [.748"]	XLR 3 pole female, IDC contacts, Black Finish, IDC Jaws cable clamp	Standard	AC3FIB
			Gold Plated Contacts	AC3FIB-AU
			Bulk Pack	AC3FIB BULK

Note: Amphenol can not guarantee the termination performance unless the recommended cable dimensions listed on page 14 are followed.
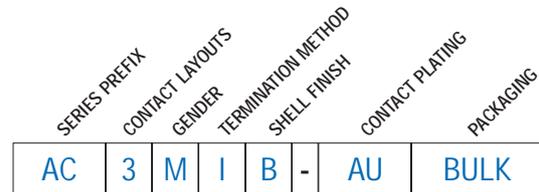
ISO VIEW OF AC3FI

RUBBER RING　SHELL　IDC SOCKET INSERT　IDC CABLE CLAMP　BOOT

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PART NUMBER BREAKDOWN

METAL SHELL TYPE - IDC

SERIES PREFIX · CONTACT LAYOUTS · GENDER · TERMINATION METHOD · SHELL FINISH · CONTACT PLATING · PACKAGING
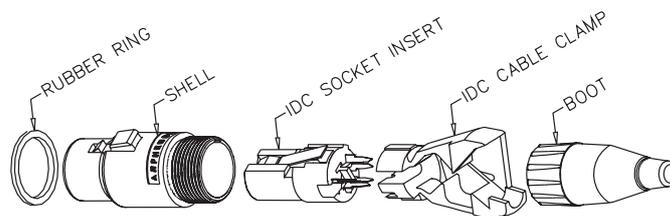
AC 3 M I B - AU BULK

E. G . **AC3MIB-AU BULK**
AC (Series Prefix), **3** contacts, **M**ale, **I**DC Contacts, **B**lack Polyester Finish,
- **AU** (Gold Plated Contacts), **Bulk** Packaged.

SERIES PREFIX	AC	=	Series Prefix
CONTACT LAYOUT	3	=	3 Contact only
GENDER	F	=	Female Socket Contacts
	M	=	Male Pin Contacts
TERMINATION METHOD	I	=	IDC Contacts
SHELL FINISH	Blank	=	Nickel Plated Finish
	B	=	Black Polyester Finish
CONTACT PLATING	Blank	=	Standard Plating (Silver or Tin - Refer to Standard Data.)
	AU	=	Gold Plated
PACKAGING	Blank	=	Individual Bags
	BULK	=	Bulk Packed

Note: All AC Series Connectors are available with optional colour coded boot / backshell.
Refer to page 60 and simply add colour to end of part number. Example: AC3MI - RED

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ENTERTAINMENT INTERCONNECT CATALOGUE - Amphenol Australia Pty Ltd Telephone 61 3 8796 8888 Fax 61 3 8796 8801   www.amphenol.com.au

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The Insulation Displacement Contact (IDC) connector is ideal for Original Equipment Manufacturers and end users alike and offers an alternative to our standard solder connector. Connectors can be quickly and easily assembled without screws or a soldering iron – by hand or portable termination tool.
Labour savings of up to 60% in termination time can be achieved.

Recommended Cable Dimensions: Page 14
Features:
- Thermoplastic Shell
- Available 3 Contact only.
- Insulation Displacement Contacts (IDC - Solderless).
- "Jaws" Cable Retention System.
- Leading first mate last break socket contact.
- Quick and easy assembly without screws – by hand or portable termination tool. (Part number T2860.)

Options: Gold plated contacts, Bulk Pack, Coloured Boots / Backshells
Part Number Breakdown:Page 11   Specifications: Page 13-14
Assembly Instructions: Page 12

| PRODUCT - FIGURE	DRAWING Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
	82.0 [3.228"] ⌀19.0 [0.748"] AMPHENOL	XLR 3 pole male, IDC contacts, Thermoplastic shell, IDC Jaws cable clamp	Standard	AC3MCPI
			Gold Plated Contacts	AC3MCPI-AU
			Bulk Pack	AC3MCPI-BULK
	82.0 [3.228"] ⌀19.0 [0.748"] AMPHENOL	XLR 3 pole female, IDC contacts, Thermoplastic shell, IDC Jaws cable clamp	Standard	AC3FCPI
			Gold Plated Contacts	AC3FCPI-AU
			Bulk Pack	AC3FCPI-BULK

Note: Amphenol can not guarantee the termination performance unless the recommended cable dimensions listed on page 14 are followed.

PART NUMBER BREAKDOWN
IDC THERMOPLASTIC SHELL TYPE

E.G. **AC3MCPI-AU BULK**
AC (Series Prefix), **3** contacts, **M**ale, **CP** (Thermoplastic Shell), **I**DC Contacts, - **AU** (Gold Plated Contacts), **Bulk** Packaged.

SERIES PREFIX	CONTACT LAYOUTS	GENDER	SHELL MATERIAL	TERMINATION METHOD	CONTACT PLATING	PACKAGING
AC	3	M	CP	I -	AU	BULK

| SERIES PREFIX	AC	=	Series Prefix
CONTACT LAYOUT	3	=	3 Contacts only
GENDER	F	=	Female Socket Contacts
	M	=	Male Pin Contacts
SHELL MATERIAL	CP	=	Thermoplastic Shell
TERMINATION METHOD	I	=	IDC Contacts
CONTACT PLATING	Blank	=	Standard Plating (Silver or Tin - Refer to Standard Data.)
	AU	=	Gold Plated
PACKAGING	Blank	=	Individual Bags
	BULK	=	Bulk Packed
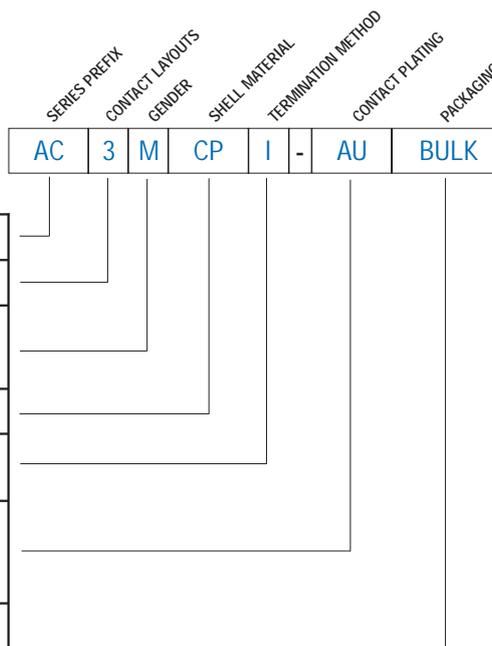
Note: All AC Series Connectors are available with optional colour coded boot / backshell. Refer to page 60 and simply add colour to end of part number.
Example: AC3MCPI - RED

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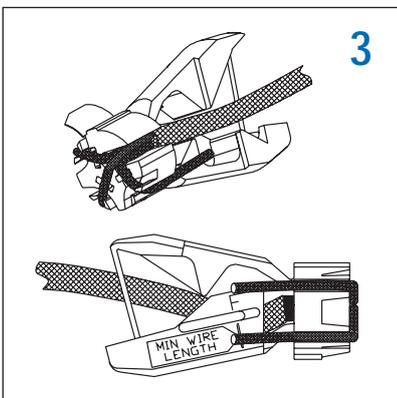
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## AC IDC SERIES CABLE ASSEMBLY INSTRUCTIONS
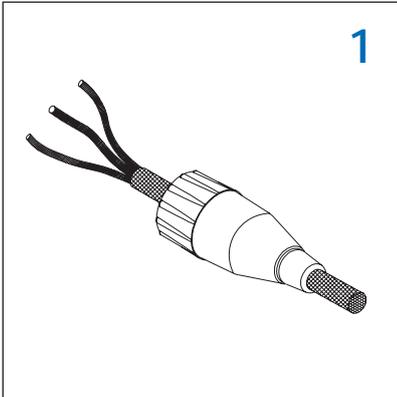
1

Push the cable through the boot assembly and strip the cable back 35 to 40 mm. Twist the shield wire.


2

3
35
40
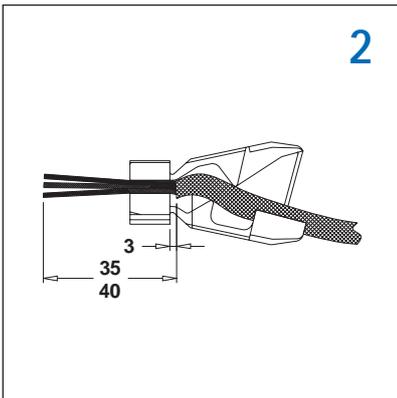
Fit the cable into the 'Jaws' cable clamp ensuring that the cable is pushed up to the neck of the clamp within 3mm.


3

MIN WIRE LENGTH

Pull back the conductors into their individual wire guidetracks. Note: Two spring fingers in the clamp will hold the conductors in position during subsequent operations. The ends of the two insulated wires must be on or past the minimum wire length mark.
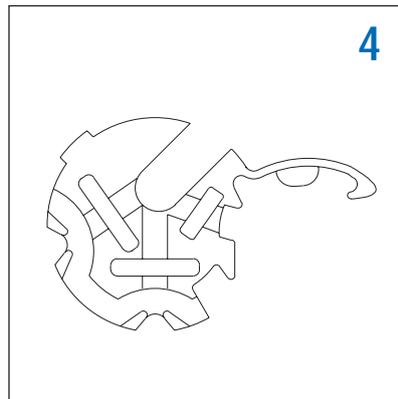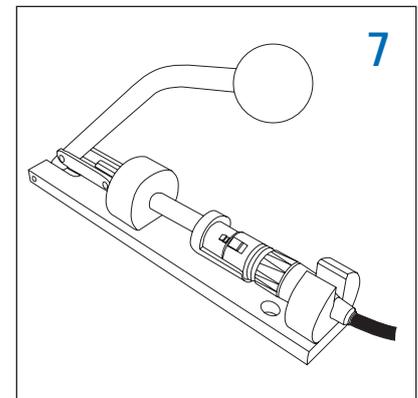

4

For ground protection the twisted shield wire is clipped in place with the ground protect flap.
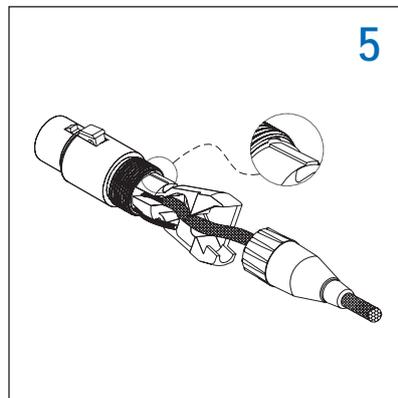
5

Trim back the shield wire, so there are no wires coming out of the flap and fit the 'Jaws' cable clamp into the shell assembly, ensuring the keyways are aligned.
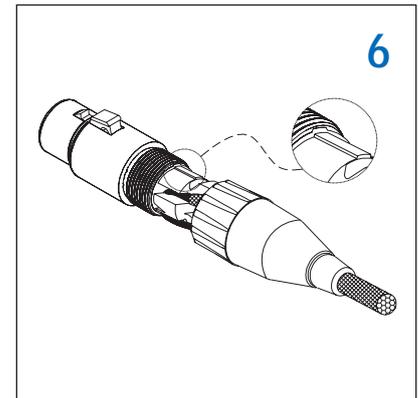
6

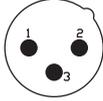Close the cable clamp slightly and push the boot over the clamp ensuring the wires fit inside the boot.
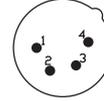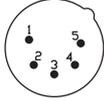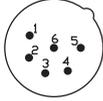

7
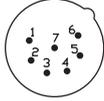
Final assembly can be achieved either by manually screwing the boot on, or by using an Amphenol Australia T2860 termination tool.

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ENTERTAINMENT INTERCONNECT CATALOGUE - Amphenol Australia Pty Ltd Telephone 61 3 8796 8888 Fax 61 3 8796 8801   www.amphenol.com.au

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STANDARD DATA AC CABLE CONNECTORS

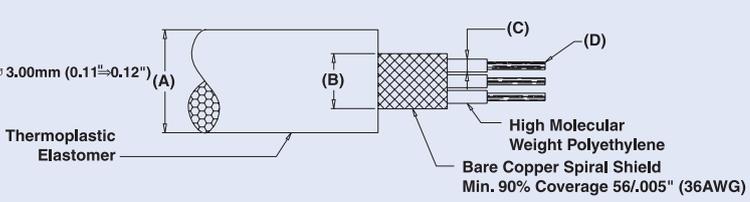|		VALUE				
GENERAL CHARACTERISTICS	Number of contacts	3	4	5	6A	7
	AC Series Contact Arrangements (Front view of pin inserts)					
	Termination	IDC / SOLDER	SOLDER	SOLDER	SOLDER	SOLDER
	Max. Wire Gauge - Stranded wire:					
	IDC	24AWG	N/A	N/A	N/A	N/A
	Solder	14AWG	16AWG	18AWG	18AWG	20AWG
	Flammability rating of insulator plastics and housings	UL94V-0				
	Environmental	Complies with RoHS Directive 2002/95/EC				
ELECTRICAL CHARACTERISTICS	Service Voltage RMS	133V [1]				
	Test Voltage AC RMS	1400V				
	Current carrying capacity:					
	IDC	1A	N/A	N/A	N/A	N/A
	Solder	15A	10A	7.5A	7.5A	5A
	Typicial Contact Resistance	$\leq 3m\Omega$				
	Insulation Resistance	$\geq 1G\Omega$				
CLIMATIC CHARACTERISTICS	Protection Class	IP40				
	Operating Temperature	-25˚C to +75˚C (-13°F to -167°F)				
MECHANICAL CHARACTERISTICS	Insertion and Withdrawal force	$\geq 10N - \leq 30N$				
	Weight - Metal [2]	36g (0.080lb)	37g (0.081lb)	38g (0.083lb)	38g (0.083lb)	38g (0.083lb)
	Weight - Thermoplastic [2]	18g (0.039lb)	19g (0.041lb)	20g (0.044lb)	20g (0.044lb)	20g (0.044lb)
	Typical Cable retention force	22Kg to 44Kg (50lb to 100lb) - Dependent on cable material and diameter.				
	Cable O.D. range - JAWS clamp					
	IDC	Max. Cable O.D. 5.85mm (0.23″)				
	Standard solder	3mm to 6.5mm (0.118″ to 0.255″)				
	Large Solder	6.5mm to 8mm (0.255″ to 0.314″)				
	Mechanical Operations	1000 mating cycles				

[1] Not suitable for domestic applications above 50V
[2] Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.

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STANDARD DATA AC CABLE CONNECTORS

		DETAILS
MATERIALS	Connector shell - Metal	Diecast Zinc Alloy
	Shell finish	Satin nickel or Black polyester
	Connector shell - Thermoplastic	Thermoplastic, UL94V-0 Modified PPE Resin
	Shell finish	Black
	Insulators	UL94V-0 PBT Resin or Modified PPE Resin
	Boot / Backshell	UL94V-0 Modified PPE Resin or Machined Brass
	Finish	Black, other colours available - see page 60
	Cable clamp	
	IDC Socket JAWS	UL94V-0 Modified PPO Resin (Pink)
	IDC Pin JAWS	UL94V-0 Modified PPO Resin (Blue)
	Standard Solder JAWS	UL94V-0 Modified PPO Resin (Black)
	Large Solder JAWS	UL94V-0 Modified PPO Resin (Purple)
	Cable Bushing	Thermoplastic Polyurethane
	Male Contact	
	Stamped - IDC / Plating	Phosphor Bronze / Silver or Gold (Optional)
	Stamped - Solder / Plating	Phosphor Bronze / Silver or Gold (Optional)
	Machined - Solder / Plating	Brass / Silver or Gold (Optional)
	Female Contact	
	Stamped - IDC / Plating	Phosphor Bronze / Tin or Gold (Optional)
	Stamped - Solder / Plating	Phosphor Bronze / Tin or Gold (Optional)
	Machined - Solder / Plating	Brass / Silver or Gold (Optional) - 4 socket is tin plated

IDC RECOMMENDED CABLE DIMENSIONS

A - Cable O.D.: Max. $\varnothing$ 5.85mm (0.23").
B - Bare Copper Spiral Shield OD $\varnothing$ 2.75 $\Rightarrow$ $\varnothing$ 3.00mm (0.11" $\Rightarrow$ 0.12")
C - OD $\varnothing$ 1.30 $\Rightarrow$ $\varnothing$ 1.50mm (0.05" $\Rightarrow$ 0.06")
D - 16/.005" (24 AWG stranded wire)

(A) (B) (C) (D)

Thermoplastic Elastomer

High Molecular Weight Polyethylene
Bare Copper Spiral Shield Min. 90% Coverage 56/.005" (36AWG)

Rev 2 - 09/2005

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