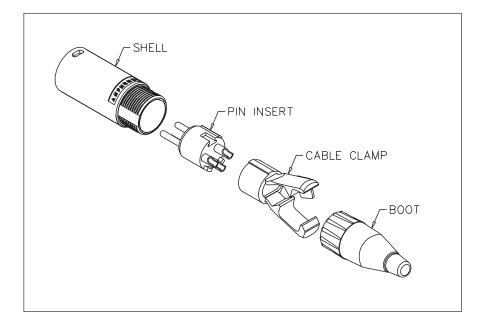
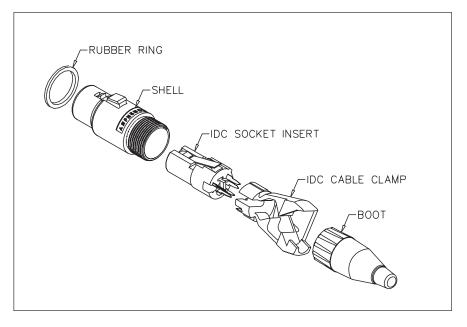




ISO VIEW OF AC3MM



ISO VIEW OF AC3FI



#### AMPHENOL AUSTRALIA WEBSITE

www.amphenol.com.au

#### AMPHENOL WORLD HEADQUARTERS WEBSITE

www.amphenol.com





## **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

**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

#### **Jaws Cable Clamp Options**



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

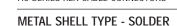


Large Jaws cable clamp (Purple), Cable O.D 6.5mm to 8mm (0.255" to 0.314")

#### 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.







#### 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″]─── <del>-</del>	XLR 3 pole male, Machined contacts,	Standard	AC3MM	
	Δ		Nickel Finish,	Gold Plated Contacts	AC3MM-AU
8	ø19.0 [0.748*]		Jaws cable clamp	Large Cable Clamp	AC3MMJ
•	<u> </u>			Bulk Pack	AC3MM BULK
	N	—82.0 [3.228″]—— <del>□</del>	XLR 3 pole male, Machined contacts,	Standard	AC3MMB
	Δ		Black Finish, Jaws cable clamp	Gold Plated Contacts	AC3MMB-AU
	ø1 <sup>9.0</sup> [0.748″]		Jaws cable clamp	Large Cable Clamp	AC3MMBJ
	¥(			Bulk Pack	AC3MMB BULK
	<b> </b>	—82.0 [3.228″]——⊶	XLR 3 pole male, Stamped contacts,	Standard	AC3M
	Ø19.0 [0.748']		Nickel Finish, Jaws cable clamp	Gold Plated Contacts	AC3M-AU
6		Jaws cable clamp	Large Cable Clamp	AC3MJ	
				Bulk Pack	AC3M BULK
	82.0 [3.228*] Ø19.0 [0.748*]	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
	<u> </u>	₽	XLR 3 pole female, Stamped contacts, Nickel Finish, Jaws cable clamp	Standard	AC3F
				Gold Plated Contacts	AC3F-AU
	Ø19.0 [.748"]			Large Cable Clamp	AC3FJ
				Bulk Pack	AC3F BULK
	<b>⋈</b> ———	<b>⊢</b> ——82.0 [3.228″]—— <b>⊢</b>	XLR 3 pole female, Stamped contacts,	Standard	AC3FB
	Ø19.0 [.748']	Black Finish, Jaws cable clamp	Gold Plated Contacts	AC3FB-AU	
			Large Cable Clamp	AC3FBJ	
				Bulk Pack	AC3FB BULK

#### AC SERIES XLR CABLE CONNECTORS

#### **METAL SHELL TYPE - SOLDER**

PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
		XLR 4 pole male, Machined contacts, Nickel Finish,	Standard	AC4M	
			Gold Plated Contacts	AC4M-AU	
	Ø19.0 [0.748*]	WELLENO, TO SELECT	Jaws cable clamp	Large Cable Clamp	AC4MJ
	<u> </u>			Bulk Pack	AC4M BULK
	1-	02.0.12.220#1	XLR 4 pole male, Machined contacts,	Standard	AC4MB
	1	82.0 [3.228"]	Black Finish, Jaws cable clamp	Gold Plated Contacts	AC4MB-AU
	ø19.0 [0.748*]	Together	Jaws Cable Claffip	Large Cable Clamp	AC4MBJ
	<u> </u>			Bulk Pack	AC4MB BULK
	<u></u>		XLR 4 pole female,	Standard	AC4F
			Stamped contacts, Nickel Finish, Jaws cable clamp	Gold Plated Contacts	AC4F-AU
	Ø19.0 [.748*]		Jaws Cable Claffip	Large Cable Clamp	AC4FJ
				Bulk Pack	AC4F BULK
	82.0 [3.228"] ø19.0 [.748"]	02.0.12.22.0.1	XLR 4 pole female,	Standard	AC4FB
		Stamped contacts, Black Finish, Jaws cable clamp	Gold Plated Contacts	AC4FB-AU	
			Large Cable Clamp	AC4FBJ	
6			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	
		XLR 5 pole male,	Standard	AC5MB	
		82.0 [3.228"]	Machined contacts, Black Finish,	Gold Plated Contacts	AC5MB-AU
9	019.0 [0.748'] 0	Jaws cable clamp	Large Cable Clamp	AC5MBJ	
			Bulk Pack	AC5MB BULK	
	L-1	—— 82 N [3 228"]——	XLR 5 pole female,	Standard	AC5F
		82.0 [3.228"]	Machined contacts, Nickel Finish,	Gold Plated Contacts	AC5F-AU
	ø19.0 [.748″]		Jaws cable clamp	Large Cable Clamp	AC5FJ
			Bulk Pack	AC5F BULK	
	<u> </u>	—— 82 N [3 228"]——	XLR 5 pole female,	Standard	AC5FB
	82.0 [3.228"] Ø19.0 [.748"]	Machined contacts, Black Finish, Jaws cable clamp	Gold Plated Contacts	AC5FB-AU	
			Large Cable Clamp	AC5FBJ	
			Bulk Pack	AC5FB BULK	

**Amphenol** 



#### METAL SHELL TYPE - SOLDER

# **Amphenol**



PRODUCT - FIGURE	DRAWING	Dimensions in mm (inches)	DESCRIPTION	VARIATIONS	PART NUMBER
		02.0 [2.220#]	XLR 6A pole male, Machined contacts, Nickel Finish,	Standard	AC6AM
		82.0 [3.228"]		Gold Plated Contacts	AC6AM-AU
	ø19.0 [0.748*]		Jaws cable clamp	Large Cable Clamp	AC6AMJ
	<u> </u>			Bulk Pack	AC6AM BULK
		00.0 [0.00/1	XLR 6A pole male, Machined contacts,	Standard	AC6AMB
	, T	—82.0 [3.228"]———————————————————————————————————	Black Finish, Jaws cable clamp	Gold Plated Contacts	AC6AMB-AU
	ø19.0 [0.748*]		Jaws cable clarify	Large Cable Clamp	AC6AMBJ
	<u> </u>			Bulk Pack	AC6AMB BULK
_	L-1	—82.0 [3.228″]——⊶	XLR 6A pole female, Machined contacts,	Standard	AC6AF
			Nickel Finish, Jaws cable clamp	Gold Plated Contacts	AC6AF-AU
	Ø19.0 [.748"]		Jaws cable clarify	Large Cable Clamp	AC6AFJ
				Bulk Pack	AC6AF BULK
_	Ø19.0 [.748"]	—82.0 [3.228*]————	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'] ø[9.0 [0.748']	—82.0 [3.228 <sup>*</sup> ]———	XLR 7 pole male, Gold plated Machined contacts, Nickel Finish,	Standard	AC7M
		Jaws cable clamp	Large Cable Clamp	AC7MJ	
				Bulk Pack	AC7M BULK
	82.0 [3.228"]— Ø19.0 [0.748"] 0		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"]	—82.0 [3.228"]————	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,	Standard	AC7FB
		Jaws cable clamp	Large Cable Clamp	AC7FBJ	
	<u> </u>			Bulk Pack	AC7FB BULK





METAL SHELL TYPE - SOLDER

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#### PART NUMBER BREAKDOWN

METAL SHELL TYPE - SOLDER

CONTACT LANGUES CONTACT PLATING CARLECLAMP SHELLINGH PACKAGING J AC 3 M M В AU **BULK** E. G. AC3MMBJ-AU BULK AC (Series Prefix), 3 contacts, Male, Machined Contacts, Black 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) 4 - 7 contact connectors have machined contacts and grounding as standard. They are not available in stamped contacts. SHELL FINISH Blank Nickel Plated Finish В Black Polyester Finish CABLE CLAMP Blank Standard Jaws 3 mm - 6.5 mm cable O.D. (0.118" to 0.255") Large Jaws 6.5mm - 8mm cable O.D. (0.255" to 0.314") Standard Plating (Silver or Tin -Blank Refer to Standard Data.) 7 Contact is gold plated as standard. ΑU **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

ENTERTAINMENT INTERCONNECT CATALOGUE - Amphenol Australia Pty Ltd Telephone 61 3 8796 8888 Fax 61 3 8796 8801

www.amphenol.com.au

## JAWS

#### AC SERIES XLR CABLE CONNECTORS

#### THERMOPLASTIC SHELL TYPE - SOLDER



**Amphenol** 

#### Features:

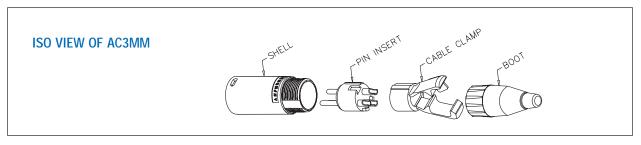
- · Thermoplastic Shell.
- Solder Bucket Connections.
- "Jaws" Cable Retention System.
- Stamped or Machined Contacts.
- Leading first mate last break socket contact.
- Quick and easy assembly without screws by hand or portable termination tool. (Part number T2860.)

**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
4	82.0 [3.228"]	XLR 3 pole male, Machined contacts, Thermoplastic shell, Jaws cable clamp	Standard	AC3MMCP	
9			Gold Plated Contacts	AC3MMCP-AU	
	V			Large Cable Clamp	AC3MMCPJ
				Bulk Pack	AC3MMCP BULK
_	82.0 [3.228'] Ø19.0 [0.748']	XLR 3 pole male, Stamped contacts, Thermoplastic shell,	Standard	AC3MCP	
		The second secon	Jaws cable clamp	Gold Plated Contacts	AC3MCP-AU
20.7 10 3			Large Cable Clamp	AC3MCPJ	
			Bulk Pack	AC3MCP BULK	
82.0 [3.228*] Ø19.0 [0.748*]		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.



METAL SHELL TYPE - IDC



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:



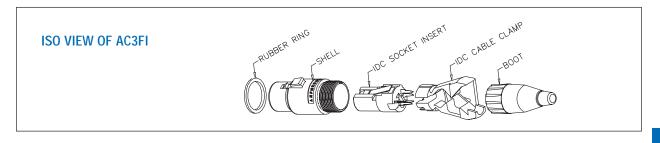
- Zinc Diecast Shell Available in 3 Contact only.
- Insulation Displacement Contacts (IDC Solderless).
- "Jaws" Cable Retention System.
- · Leading first mate last break socket contact.

**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"]		XLR 3 pole male, IDC contacts, Nickel Finish,	Standard	AC3MI
	ø19.0 [0.748*]		IDC Jaws cable clamp	Gold Plated Contacts	AC3MI-AU
				Bulk Pack	AC3MI BULK
82.0 [3.228']	XLR 3 pole male, IDC contacts, Black Finish,	Standard	AC3MIB		
	Ø19.0 [0.748"] 0	IDC Jaws cable clamp	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"]	228*]	XLR 3 pole female, IDC contacts, Black Finish, IDC Jaws cable clamp	Standard	AC3FIB
		ibe Jawa cabie ciamp	Gold Plated Contacts	AC3FIB-AU	
	<u> </u>			Bulk Pack	AC3FIB BULK

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



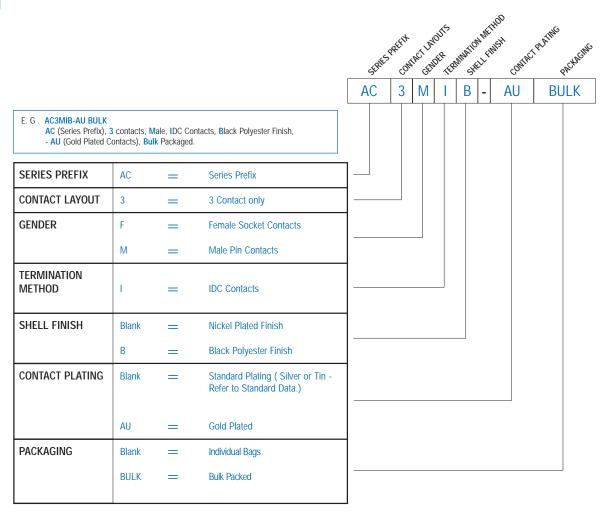


METAL SHELL TYPE - IDC



#### PART NUMBER BREAKDOWN

METAL SHELL TYPE - IDC



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

#### THERMOPLASTIC SHELL TYPE - IDC





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

- 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"]		XLR 3 pole male, IDC contacts, Thermoplastic shell, IDC Jaws cable clamp	Standard	AC3MCPI
	Ø19.0 [0.748"]	IDC Jaws Cable Claffip	Gold Plated Contacts	AC3MCPI-AU	
				Bulk Pack	AC3MCPI-BULK
	82.0 [3.228*]		XLR 3 pole female, IDC contacts, Thermoplastic shell, IDC Jaws cable clamp	Standard	AC3FCPI
	ø19.0 [0.748*]		ibo saws cabic clamp	Gold Plated Contacts	AC3FCPI-AU
				Bulk Pack	AC3FCPI-BULK

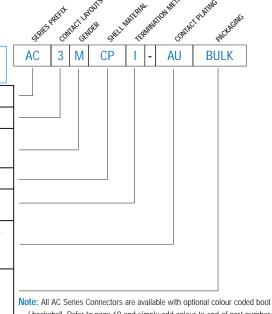
Note: Amphenol can not guarantee the termination performance unless the recommended cable dimensions listed on page 14 are followed.

#### PART NUMBER BREAKDOWN

IDC THERMOPLASTIC SHELL TYPE

E. G. AC3MCPI-AU BULK

AC (Series Prefix), 3 contacts, Male, CP (Thermoplastic Shell), IDC Contacts, - AU (Gold Plated Contacts), Bulk Packaged.						
SERIES PREFIX	AC = Series Prefix		Series Prefix			
CONTACT LAYOUT	3	= 3 Contacts only				
GENDER	F	=	Female Socket Contacts			
	М	=	Male Pin Contacts			
SHELL MATERIAL	СР	=	Thermoplastic Shell			
TERMINATION METHOD	1	=	IDC Contacts			
CONTACT PLATING	Blank	=	Standard Plating ( Silver or Tin - Refer to Standard Data.)			
	AU	=	Gold Plated			
PACKAGING	Blank	=	Individual Bags			
	BULK	=	Bulk Packed			



/ backshell. Refer to page 60 and simply add colour to end of part number.

Example: AC3MCPI - RED

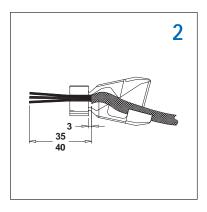


**IDC ASSEMBLY INSTRUCTIONS** 

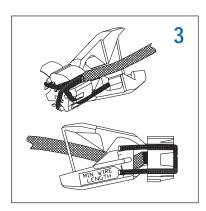


# 1

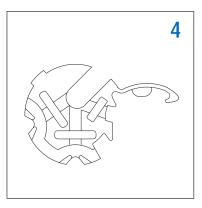
Push the cable through the boot assembly and strip the cable back 35 to 40 mm. Twist the shield wire.



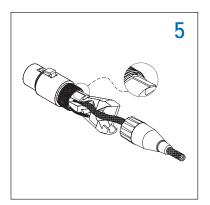
Fit the cable into the 'Jaws' cable clamp ensuring that the cable is pushed up to the neck of the clamp within 3mm.



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.

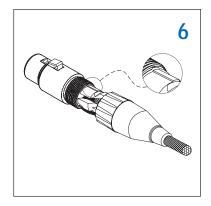


For ground protection the twisted shield wire is clipped in place with the ground protect flap.

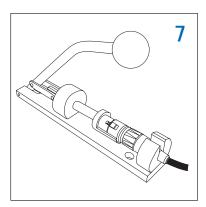


Trim back the shield wire, so there are no wires coming out of the flap and fit the 'Jaws' cable clamp into the shell assembly, ensuring the keyways are aligned.

## AC IDC SERIES CABLE ASSEMBLY INSTRUCTIONS



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



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

STANDARD DATA

## STANDARD DATA AC CABLE CONNECTORS

		VALUE					
GENERAL	Number of contacts	3	4	5	6A	7	
CHARACTERISTICS 1	AC Series Contact Arrangements (Front view of pin inserts)	<b>1</b>	•1 4• 2 •3	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0 <sup>1</sup> 6 5 <sub>0</sub> 2 3 4	2 7 6 2 3 4	
	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 w	rith RoHS Directive	2002/95/EC		
ELECTRICAL	Service Voltage RMS 133V <sup>1)</sup>						
CHARACTERISTICS	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	≤ 3mΩ					
	Insulation Resistance			≥ 1GΩ			
CLIMATIC CHARACTERISTICS	Protection Class	IP40					
CHARACTERISTICS	Operating Temperature	-25°C to +75°C (-13°F to -167°F)					
MECHANICAL	Insertion and Withdrawal force			≥ 10N - ≤ 30N			
CHARACTERISTICS	Weight - Metal <sup>2)</sup>	36g	37g	38g	38g	38g	
		(0.080lb)	(0.081lb)	(0.083lb)	(0.083lb)	(0.083lb)	
	Weight - Thermoplastic 2)	18g	19g	20g	20g	20g	
		(0.039lb)	(0.041lb)	(0.044lb)	(0.044lb)	(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					

<sup>1)</sup> Not suitable for domestic applications above 50V

<sup>&</sup>lt;sup>2)</sup> Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.





## 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 RECOMMENDE CABLE DIMENSION		3,00mm (0,11≒0,12")(A)  Thermoplastic Elastomer  High Molecular Weight Polyethylene Bare Copper Spiral Shield Min. 90% Coverage 56/,005" (36AWG)