



AC SERIES XLR CABLE CONNECTORS

Amphenol

THERMOPLASTIC SHELL TYPE - IDC (SOLDERLESS)



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 21

Features:

- Thermoplastic Shell
- 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 18 **Specifications: Page 20-21**
Assembly Instructions: Page 19

| PRODUCT - FIGURE | DRAWING | DESCRIPTION | VARIATIONS | PART NUMBER |
|------------------|---------|--|----------------------|--------------|
| | | XLR 3 pole male, IDC contacts, Thermoplastic shell, IDC Jaws cable clamp | Standard | AC3MCPI |
| | | | Gold Plated Contacts | AC3MCPI-AU |
| | | | Bulk Pack | AC3MCPI BULK |
| | | XLR 3 pole female, IDC contacts, Thermoplastic shell, IDC Jaws cable clamp | Standard | AC3FCPI |
| | | | Gold Plated Contacts | AC3FCPI-AU |
| | | | Bulk Pack | AC3FCPI BULK |

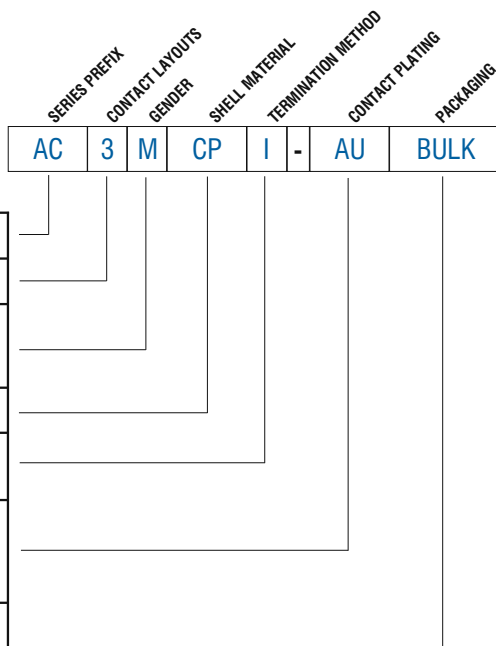
Note: Amphenol can not guarantee the termination performance unless the recommended cable dimensions listed on page 21 are followed.

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 |
| 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 80 and simply add colour to end of part number. Example: AC3MCPI - RED