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**Item # AP-107DRS, Plug, Shielded**

[Specifications](#) · [Features](#) · [Options](#) · [Applications](#)

### Specifications

<b>Conductors</b>	7
<b>Application</b>	Ruggedized Commercial / Military
<b>Contact Types</b>	Insulation Piercing
<b>Rear Accessory</b>	Overmold Cap
<b>Shell Material</b>	Aluminum
<b>Plating Material</b>	Black Anodize (standard) Black Chrome (shielded)
<b>Insert Material</b>	Thermoset Plastic
<b>Contact Material</b>	Gold-plated BeCu
<b>Mating</b>	Axial Push-Pull Motion
<b>Engagement Force</b>	≤ 14 lb
<b>Disengagement Force</b>	8 to 12 lb
<b>Mating Cycles</b>	5000
<b>Temperature</b>	-55 to 85 °C
<b>Contact Current Capacity</b>	3 A
<b>Contact Resistance</b>	≤ 150 mV

### Features

- Plug and Jack breakaway connectors designed to function in severe environments
  - Watertight in up to 6 feet of water
  - Molded-in wiping-action contacts provide self-cleaning feature and eliminate issues with pin/socket open contacts
  - Designed for multiple cable diameters
  - Miniature versions are 50% smaller than standard connectors while maintaining many of the same performance characteristics
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## Options

- 7- or 10-pin (miniature version only) contacts
  - Solder-type contacts or insulation-piercing contacts
  - Wire strain relief or over-molded versions available for all plugs and jacks
  - Panel mount versions are available for both front- and rear-mount panels
  - Shielding is available in all connector choices
  - All standard connector options also available in miniaturized versions
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## Applications

- C4I Systems
- Military Vehicles
- Commercial Aircraft
- Telecommunications Equipment
- Missiles and Ordnance
- Medical Equipment
- Commercial / Industrial Equipment

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