

AN3106E 36-8P

Specifications

Attribute	Value
Part Number Breakdown	
AN	Legacy prefix for "Army-Navy" design standards, completely interchangeable with the modern MS (Military Standard) designation.
3106	Identifies the shell style as a Straight Plug (the mating cable-end component that connects to a receptacle).
E	Represents the environmental class, indicating that this component features an environmentally resistant construction with an integrated strain relief backshell and grommet seal to protect against moisture and vibration.
36	Specifies the Shell Size (large industrial scale).
8	Denotes the specific Insert Arrangement configuration.
P	Indicates the contact gender, which stands for Pin (Male contacts).
Technical Specifications	
Total Contacts	47 pins total.
Pin Configuration	46 size #16 contacts and 1 size #12 contact.
Current Capacity	Size 16 contacts are rated for 13 Amps, and the size 12 contact is rated for 23 Amps.
Voltage Rating	500 VAC / 700 VDC (Service Rating A).
Coupling Mechanism	Threaded coupling nut for secure, high-vibration connections.
Shell Material & Finish	Aluminum alloy housing typically treated with an Olive Drab chromate over cadmium plating for extreme corrosion resistance.
Termination Style	Solder cups