



SERIES 886

SuperFly® Single-Ended and Back-to-Back Cordsets

SuperFly® overmolded quick-disconnect (QDC) or threaded coupling cordsets are now available as single-ended and back-to-back assemblies. Both have highly conductive nickel copper shield with 90 percent coverage. 5A contacts are terminated to #24AWG wire, 3A contacts are terminated to #26AWG wire, and 1A contacts are terminated to #30AWG Teflon wire. Color-coded wires. Two types of standard wire protection available: nylon overbraid for superior flexibility or abrasion-resistant thermoplastic polyurethane. Both styles available with polyamide connector overmold. Nickel-plated aluminum assemblies are ideal for protected environments where corrosion is not a problem. Non-reflective nickel-PTFE plated aluminum offers excellent conductivity, durability and corrosion resistance. Black zinc-nickel is preferred for soldier systems.

Product Specifications			
Contact (Size)	5 Amp (#23)	3 Amp (Micro)	1 Amp (Nano)
Current Rating	5A	3A	1A
Wire Size	#22-28 AWG	#24-30 AWG	#28-32 AWG
DWV	500Vac	600Vac	250Vac
Contact Resistance	20 mΩ	32 mΩ	80 mΩ
Insulation Resistance	200 megaohms minimum		
Temperature Range	-30°C to +105°C		
Durability	2000 Mating Cycles		
Water Immersion, Mated	IP67, MIL-STD-810 Method 512 (1 meter, 1 hours)		
Solvent Resistance	Excellent resistance to most solvents, fuels and oils		
Vibration	37g		
Shock	300g		
Shielding Effectiveness	>55dB minimum from 100 MHz to 1000MHz		

Materials and Finishes	
Property	Description
Insulator	Thermoplastic, glass-reinforced
Shell	Aluminum or stainless steel. See ordering info.
1A. Contact	Precious metal alloy
3A. and 5A. Contact	Copper alloy, 50 microinches gold over nickel finish
Encapsulant	Epoxy
Wire	Silver-coated high-strength copper alloy
Wire Insulation	Cross-linked fluoropolymer, color-coded per MIL-STD-681 (full color)
Overmold	Solvent-resistant polyamide
Cable shield	Contact factory for material specifications
Shield Coverage	90% minimum coverage
Outer Jacket	Nylon braid or extruded low smoke zero halogen thermoplastic polyurethane (TPU), black