



QDC CORDSET



886-019 and 886-020, Single-Ended Receptacle Cordset

886-019R AND 886-020R QDC COUPLING WITH NYLON OVERBRAID OR POLYURETHANE JACKET



Overmolded Quick Disconnect receptacle cordsets feature abrasion resistant extruded polyurethane jackets or ultraflexible nylon overbraid. Polyamide overmold, tinned copper braid shield. High strength silver-coated copper alloy conductors, crosslinked ETFE insulation. Wire size depends on contact size. Size #23 contacts have #24 AWG wire, 3 amp micropins have #26 AWG wire, and 1 amp nanopins have #30 AWG wire.

How To Order						
Sample Part Number		886-019R	A	-B7N	-M	-18
Series	886-019R = QDC inline receptacle with shielded, nylon overbraid 886-020R = QDC inline receptacle with shielded, polyurethane jacket					
Insert Style	A = Unshrouded contacts B = Shrouded contacts are recessed within the insulator					
Shell Size and Insert Arrangement¹	See Shell Size and Insert Arrangement Table					
Shell Material/Finish²	M = Aluminum/electroless nickel RoHS compliant ZR = Aluminum/zinc-nickel, non-reflective with RoHS compliant black chromate MT = Aluminum/nickel-PTFE RoHS compliant ZMT = Stainless steel/nickel-PTFE RoHS compliant					
Wire Length	18 = 18 inches					

MOD-686 POLARIZING OPTIONS

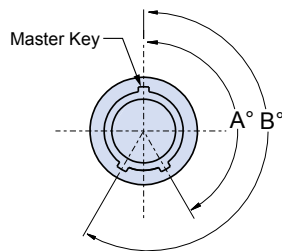
Standard SuperFly® connectors have a single master key. Versions with three keys are also available if alternate key positions are required. Add suffix code 686 to the part number per the following example: 886-019RA-B7N-M-18-**686A**

WIRE GAUGES PER CONTACT

- 1A. contact (Nano) - 30 AWG
- 3A. contact (Micro) - 26 AWG
- 5A. contact (Size 23) - 24 AWG

Plug Alternate Key Positions

Suffix Code	A°	B°
686A	150°	210°
686B	75°	210°
686C	95°	230°
686D	140°	275°
686E	75°	275°
686F	95°	210°



Glenair can also fulfill multi-branch cordset requests. Contact the factory to find out more about our capabilities.



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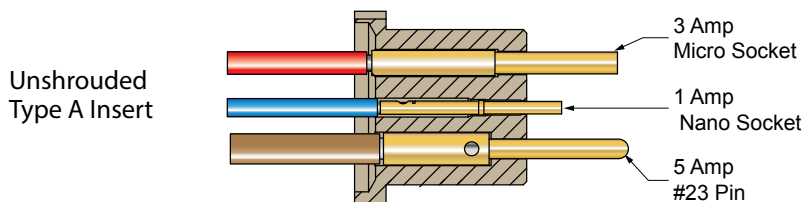
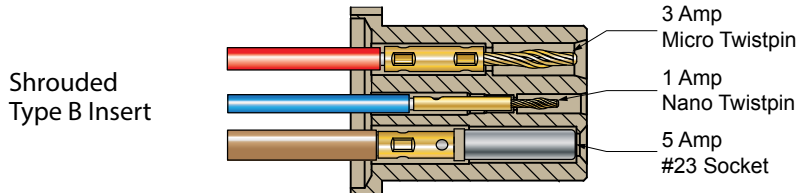
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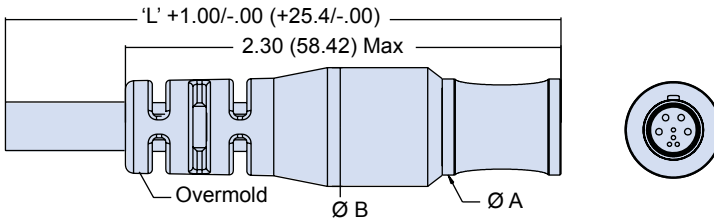
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ABOUT SHROUDED AND UNSHROUDED SUPERFLY® CONFIGURATIONS

Shrouded contacts are recessed within the insert. Unshrouded contacts extend from the insert face. Shrouded inserts contain 1 amp and 3 amp Twistpin contacts along with 5 amp socket contacts. Unshrouded inserts contain 1 amp and 3 amp sockets and 5 amp pin.



Shell Size and Insert Arrangements			
Insert Arrangements	No. of Contacts		
	#23 5A.	Micro 3A.	Nano 1A.
B7N	—	—	7
C10N	—	—	10
C2M2N	—	2	2
D3M	—	3	—
D2W2N	2	—	2
E3W	3	—	—
E4M	—	4	—
E19N	—	—	19
E4M4N	—	4	4
F4W	4	—	—
F7M	—	7	—
F22N	—	—	22
F4M8N	—	4	8
F4W4N	4	—	4
G7W	7	—	—
G10M	—	10	—
G31N	—	—	31
G6M10N	—	6	10
G6M12N	—	6	12
H10W	10	—	—
H37N	—	—	37
H6W14N	6	—	14
J44N	—	—	44
J7W19N	7	—	19
K19M	—	19	—
K13M19N	—	13	19
L22M	—	22	—



886-019R
886-020R
Receptacle
Cordset

Shell Size	Dimensions			
	A Max OD		B Max OD	
	In	mm	In	mm
B	.325	8.26	.470	11.94
C	.350	8.89	.495	12.57
D	.365	9.27	.510	12.95
E	.390	9.91	.535	13.59
F	.410	10.41	.555	14.10
G	.430	10.92	.575	14.61
H	.470	11.94	.615	15.62
J	.495	12.57	.640	16.26
K	.520	13.21	.665	16.89
L	.560	14.22	.700	17.78

NOTES

1. See Section A for insert arrangement layouts
2. See Section A for additional finish options

First letter of contact arrangement represents connector shell size. As in this example K13M19N

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Mouser Electronics

Authorized Distributor

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[886-020RB-F22N-M-72](#)