



# Threaded Coupling Cordset

## 886-028 and 886-029 Back-to-Back Cordset



### 886-028 BACK-TO-BACK, THREADED COUPLING WITH NYLON OVERBRAID OR POLYURETHANE JACKET



Overmolded threaded coupling back-to-back 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.

		How To Order							
Sample Part Number		886-028	P	A	R	B	-B7N	-M	-18
Series	<b>886-028</b> Threaded, nylon overbraid, back-to-back cordset <b>886-029</b> Threaded, polyurethane jacketed, back-to-back cordset								
First Side (P1)	<b>Gender</b> P = Plug R = Receptacle <b>Contact Type</b> A = Unshrouded contacts B = Shrouded contacts are recessed within the insulator								
Second Side (P2)	<b>Gender</b> P = Plug R = Receptacle <b>Contact Type</b> A = Unshrouded contacts B = Shrouded contacts are recessed within the insulator								
Shell Size and Insert Arr <sup>1</sup>	See shell size and insert arrangement table								
Shell Material/Finish <sup>2</sup>	M = Aluminum/electroless nickel RoHS compliant ZR = Aluminum/black zinc-nickel over electroless nickel MT = Aluminum/nickel-PTFE RoHS compliant ZMT = Stainless steel/nickel-PTFE RoHS compliant								
Wire Length	18 = 18 inches								

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	—

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

### WIRE GAUGES PER CONTACT

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

### NOTES

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

D



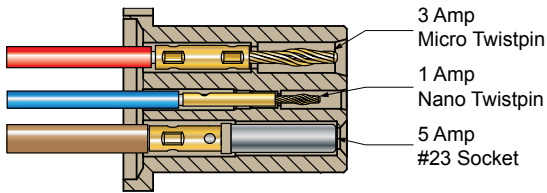
# Threaded Coupling Cordset



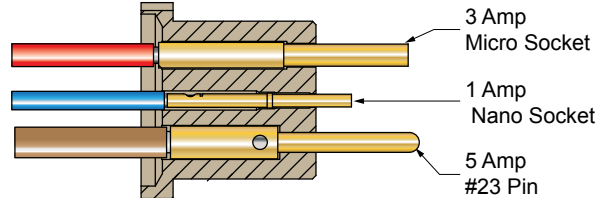
## 886-028 and 886-029 Back-to-Back Cordset

### ABOUT SHROUDED AND UNSHROUDED SUPERFLY® CONFIGURATIONS

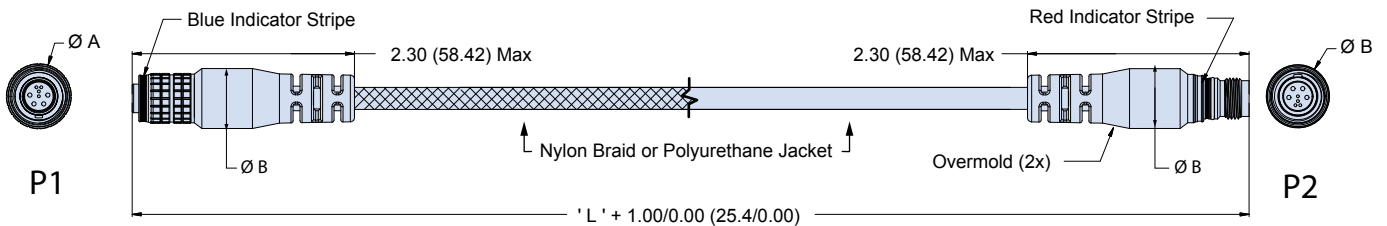
Shrouded contacts are recessed within the insert. Unshrouded contacts extend from the insert face. Shrouded inserts contain 1 amp and 3 amp Twistpin contacts along with 5 amp socket contacts. Unshrouded inserts contain 1 amp and 3 amp sockets and 5 amp pin.



Shrouded Type B Insert



Unshrouded Type A Insert



Shell Size	Dia. A		Dia. B	
	In.	mm.	In.	mm.
A	0.336	8.53	0.320	8.13
B	0.356	9.04	0.339	8.61
C	0.375	9.53	0.364	9.25
D	0.395	10.03	0.377	9.58
E	0.415	10.54	0.403	10.24
F	0.434	11.02	0.422	10.72
G	0.454	11.53	0.444	11.28
H	0.493	12.52	0.481	12.22
J	0.533	13.54	0.509	12.93
K	0.553	14.05	0.531	13.49
L	0.592	15.04	0.570	14.48

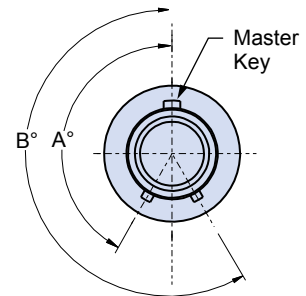
### MOD-686 POLARIZING OPTIONS

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:

886-027PARB-B7N-MT-18-**686A**

Plug Alternate Key Positions			
Key Position	Suffix Code	A°	B°
A	<b>686A</b>	150°	210°
B	<b>686B</b>	75°	210°
C	<b>686C</b>	95°	230°
D	<b>686D</b>	140°	275°
E	<b>686E</b>	75°	275°
F	<b>686F</b>	95°	210°

### PLUG



### RECEPTACLE

