










Cordsets & Field Attachables

Quick Selection Guide

					
Specifications	Female Cordsets	Male Cordsets	Patchcords	Splitters	V-Cables
Description	<ul style="list-style-type: none"> Cable with integral female connector on one end 	<ul style="list-style-type: none"> Cable with integral male connector on one end 	<ul style="list-style-type: none"> Cable with integral connector on each end 	<ul style="list-style-type: none"> Cable with single male connector attached to two female connectors 	<ul style="list-style-type: none"> Cable with single male connector attached to two female connectors
Features	<ul style="list-style-type: none"> Straight or right angle Multiple standard lengths Braided and unbraided Standard and LED versions Female connector provides direct interface to sensors and other field devices 	<ul style="list-style-type: none"> Straight or right angle Multiple standard lengths Male connector provides interface to distribution boxes or DC micro ArmorBlock DeviceNet I/O 	<ul style="list-style-type: none"> Straight or right angle Multiple standard lengths Direct connection between field devices and distribution boxes or Allen-Bradley ArmorBlock DeviceNet I/O 	<ul style="list-style-type: none"> Straight or right angle connectors Multiple standard lengthse Direct connection between field devices and distribution boxes or Allen-Bradley ArmorBlock DeviceNet I/O 	<ul style="list-style-type: none"> Straight or right angle connectors Multiple standard lengthse Direct connection between field devices and distribution boxes or Allen-Bradley ArmorBlock DeviceNet I/O
Available Models	<ul style="list-style-type: none"> Mini3-10 Mini Illuminated . . .3-20 Mini Coiled3-20 Mini-Plus3-32 DC Micro3-44 DC Micro Illuminated . . .3-54 DC Micro Coiled . . .3-54 AC Micro3-80 AC Micro Coiled . . .3-88 EAC Micro3-101 Pico3-106 Pico Illuminated . . .3-112 M233-132 	<ul style="list-style-type: none"> Mini3-10 DC Micro3-44 AC Micro3-80 	<ul style="list-style-type: none"> Mini to Mini3-58 Mini-Plus3-32 DC Micro3-44 DC Micro to Pico . . .3-54 AC Micro3-80 EAC Micro3-101 Pico3-106 M233-132 	<ul style="list-style-type: none"> DC Micro Splitter . . .3-68 AC Micro Splitter . . .3-92 DC Micro to Pico Splitter3-120 	<ul style="list-style-type: none"> DC Micro to DC Micro VCables3-60 DC Micro to Conductor VCables3-60 DC Micro to Pico V-Cables3-60

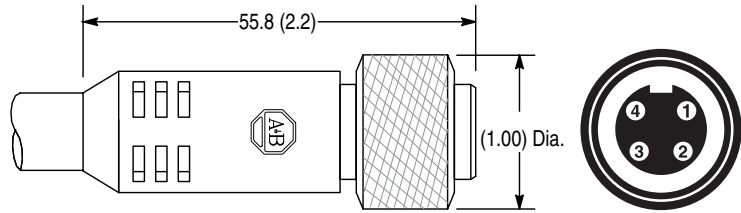
				
Specifications	Receptacles	Bulkhead Pass-Thru	Terminal Chambers	Accessories
Description	<ul style="list-style-type: none"> Panel mount connector with flying lead 	<ul style="list-style-type: none"> Panel mount connector, male to female 	<ul style="list-style-type: none"> Field installable connectors 	<ul style="list-style-type: none"> Sealing caps, coupling adaptors, and other connection systems accessories
Features	<ul style="list-style-type: none"> Male and female configurations 1/2 in. NPT, 1/4 in. NPT or M14 threads Threaded metal housing 	<ul style="list-style-type: none"> 4- and 5-pin configurations 1/2 in. NPT, 1/4 in. NPT or M14 threads Threaded metal housing 	<ul style="list-style-type: none"> Screw, solder, or insulation displacement connector styles Straight or right angle Multiple sizes for varying cable jacket diameters 	<ul style="list-style-type: none"> Rugged durable construction Versions to interface with male or female connectors Multiple sizes for various connector types
Available Models	<ul style="list-style-type: none"> Mini Receptacle3-24 DC Micro3-70 AC Micro3-94 EAC Micro3-102 Pico3-122 M233-134 	<ul style="list-style-type: none"> Mini Bulkhead Pass-thru 3-28 DC Micro Bulkhead Pass-thru3-76 	<ul style="list-style-type: none"> Mini3-26 DC Micro3-72 AC Micro3-96 Pico3-124 	<ul style="list-style-type: none"> Sealing caps3-161 Coupling adaptors3-162 Mounting nuts3-162 Sealing washers3-162



Which Connector to Use?

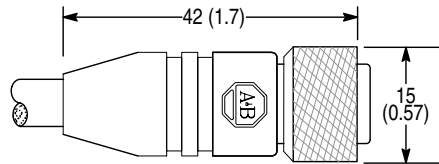
Mini QD

- 3-pin, 4-pin, 5-pin and 6-pin
- Straight and right angle
- Illuminated and non-illuminated
- 6 ft, 12 ft, and 20 ft lengths (standard)
- Alternate wire color codes available
- Heavy duty STOOW-A or general purpose cable



DC Micro QD

- 4-pin or 5-pin
- Straight and right angle
- Illuminated and non-illuminated
- 2 m, 5 m, and 10 m lengths (standard)
- Stranded aluminum shield
- M12 x 1 thread (IEC standard)
- Single keyway

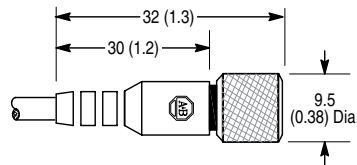


AC Micro QD

- 3-pin, 4-pin, 5-pin or 6-pin
- Straight and right angle
- Illuminated and non-illuminated
- 2 m, 5 m, and 10 m lengths (standard)
- 1/2 in.-20 thread (English)
- Dual keyway

Pico QD

- 3-pin or 4-pin
- Straight and right angle
- Illuminated and non-illuminated
- Snap-on or thread-on
- 2 m, 5 m, and 10 m lengths (standard)



Company Name	Naming Convention						
Rockwell Automation	Pico	DC Micro	AC Micro	EAC Micro	Mini	Mini-Plus	M23
Woodhead/ Brad Harrison®	Nano-Change®	Micro-Change® Single Keyway	Micro-Change® Dual Keyway	Micro-Change® Reverse Keyway	Mini-Change® A-Size	Mini-Change® B-Size & C-Size	M23
Turck	Picofast™	Eurofast™	Microfast™	Eurofast™ Reverse Key	Minifast™	—	Multifast™
Crouse-Hinds	NanoLine™	Micro-Mini™ DC DIN	Micro-Mini™ Dual Key	Micro-Mini™ AC DIN	MiniLine™ Style I	MiniLine™ Style II & StyleIII	—
Lumberg	Pico Style	Micro DC Style	Micro AC Style	Micro Style Reverse Key	Mini Style	Mini Style	M23
Other Names	M8	M12					
Standard Connector Threads	M8 x 1	M12 x 1	1/2 in.-20UN	M12 x 1	7/8 in.-16UN	1 in.-16UN 1 1/8 in.-16UN	M23

Cordsets & Field Attachables
AC Micro Style
 Configurator

Cordset

889R S - F 3 E C A - 5
 a b c d e f g

a

Coupling Nut Material	
Code	Description
Blank	Standard Coupling Nut (Epoxy-Coated Zinc)
N	Nickel-Plated Brass
S	Stainless Steel

b

Connector Type	
Code	Description
E	Right Angle Male (External Threads)
F	Straight Female (Internal Threads)
M	Straight Male (External Threads)
R	Right Angle Female (Internal Threads)

c

Number of Pins	
Code	Description
3...6	Number of Pins

d

Jacket Material	
Code	Description
A	PVC Cable, Yellow, Unshielded
E	PVC Cable, Yellow, Braided Shield
G	PVC, Grey, Unshielded
H	ToughLink, TPE, Unshielded
K	PVC, Grey, Braided Shield
U	PUR, Yellow, Unshielded
W	ToughWeld™

e

Wire Gauge	
Code	Description
C	22 AWG
D	20 AWG
E	18 AWG

f

Wire Color Code	
Code	Description
A	Automotive Color Code

g

Cable Length	
Code	Description
C	Coil Cable
Blank	Meters *

Patchcord

889R S - F 3 A E D M - 10
 a b c d e f g h

a

Coupling Nut Material	
Code	Description
Blank	Standard Coupling Nut (Epoxy-Coated Zinc)
N	Nickel-Plated Brass
S	Stainless Steel

b

Connector Type	
Code	Description
F	Straight Female (Internal Threads)
R	Right Angle Female (Internal Threads)

c

No. of Pins	
Code	Description
3...6	No. of Pins

d

Jacket Material	
Code	Description
A	PVC Cable, Yellow, Unshielded
E	PVC Cable, Yellow, Braided Shielded
G	PVC, Grey, Unshielded
H	ToughLink, TPE, Unshielded
K	PVC, Grey, Braided Shield
U	PUR, Yellow, Unshielded
W	ToughWeld

e

Wire Gauge	
Code	Description
C	22 AWG
D	20 AWG
E	18 AWG

f

Male End Connector Style	
Code	Description
R	AC Micro QD

g

Male End Connector Type	
Code	Description
E	Right Angle Male (External Threads)
M	Straight Male (External Threads)

h

Cable Length	
Code	Description
Blank	Meters *

* To indicate desired length in meters (all lengths are available) add 0M3 for 0.3 m (1 ft) or 10 for 10 m (32.8 ft) (example: 889DS-F4AC-10).

Note: The Configurators are for reference only. Please do not use these to create a catalog number as the result may be unavailable.

Receptacles

888R - $\frac{F}{a}$ $\frac{4}{b}$ $\frac{A}{c}$ $\frac{C}{d}$ $\frac{1}{e}$ - $\frac{1F}{f}$

a

Connector Type	
Code	Description
F	Female (External Threads)
M	Male (External Threads)

b

No. of Pins	
Code	Description
3...6	No. of Pins

c

Wire Type	
Code	Description
A	PVC

d

Wire Gauge	
Code	Description
C	22 AWG

e

Mounting Threads	
Code	Description
1	1/2 inch-14 NPT
2	1/4 inch-18 NPT

f

Cable Length	
Code	Description
F	Feet (1F5 = 1.5 ft)

3-Cordsets

Note: The Configurators are for reference only. Please do not use these to create a catalog number as the result may be unavailable.

Cordsets and Patchcords, AC Micro Style

18 or 22 AWG, PVC



3-Pin AC Micro Cordset

Features

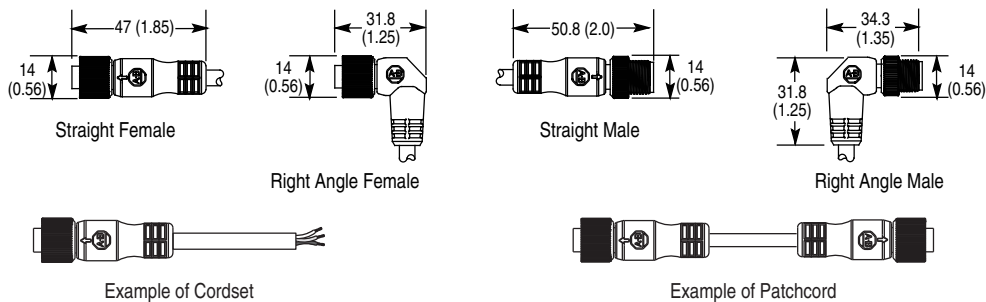
- Highly visible yellow PVC jacket offers good oil and chemical resistance
- Heavy duty reinforcing braiding can be used as a grounded shield to reduce noise
- Ratcheting coupling nut for vibration resistance

Specifications









Certifications	UL Recognized and CSA Certified
Mechanical	
Coupling Nut Material	Epoxy-coated zinc
Connector Material	Molded oil-resistant polyurethane
Contact Material	Gold over nickel-plated brass
Cable Type	Oil-resistant yellow PVC jacket, 18 or 22 AWG conductors, 300V
Bend Radius	10x diameter
Cable Diameter [mm (in.)]	3/c (22 AWG) = 6.7 (0.26) 3/c (18 AWG) = 6.7 (0.26) 4/c (18 AWG) = 6.7 (0.26) 4/c (22 AWG) = 6.7 (0.26) 5/c (18 AWG) = 7.5 (0.30) 6/c (22 AWG) = 6.7 (0.26)
Braiding	Shield aluminum mylar stranding 26 x #36 (AWG) (Braided cable models only)
Electrical	
Cable Rating	UL AWM style 2661 VW-1 105C 300V, CSA AWM A/B I/II 80C 300V FT1, UV oil and water resistant
Assembly Rating	250V, 4 A
Environmental	
Enclosure Type Rating	IP67, IP69K
Temperature Rating [C (F)]	-20...+105° (-4...221°)

Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



Pinout and Color Code

	Face View Pinout							
	3-Pin		4-Pin		5-Pin		6-Pin	
								
Color Code	Female	Male	Female	Male	Female	Male	Female	Male
A	1 Green (GND) 2 Red/Black Tr. 3 Red/White Tr.		1 Red/Black Tr. 2 Red/White Tr.	3 Red 4 Green (GND)	1 Red/White Tr. 2 Red 3 Green	4 Red/Yellow Tr. 5 Red/Black Tr.	1 Red/White Tr. 2 Red 3 Green	4 Red/Yellow Tr. 5 Red/Black Tr. 6 Red/Blue Tr.

Product Selection

Cordsets 

No. of Pins	Assembly Rating	Color Code	Cat. No.*			
			Straight Female	Right Angle Female	Straight Male	Right Angle Male
3-Pin	Braided 22 AWG , 250V, 4 A	A	889R-F3ECA-2	889R-R3ECA-2	889R-M3ECA-2	889R-E3ECA-2
	18 AWG , 250V, 4 A		889R-F3AEA-2	889R-R3AEA-2	889R-M3AEA-2	889R-E3AEA-2
4-Pin	Braided 22 AWG , 250V, 4 A		889R-F4ECA-2	889R-R4ECA-2	889R-M4ECA-2	889R-E4ECA-2
	18 AWG , 250V, 4 A		889R-F4AEA-2	889R-R4AEA-2	889R-M4AEA-2	889R-E4AEA-2
5-Pin	Braided 22 AWG , 250V, 4 A		889R-F5ECA-2	889R-R5ECA-2	889R-M5ECA-2	889R-E5ECA-2
	18 AWG , 250V, 4 A		889R-F5AEA-2	889R-R5AEA-2	889R-M5AEA-2	889R-E5AEA-2
6-Pin	Braided 22 AWG , 250V, 4 A		889R-F6ECA-2	889R-R6ECA-2	889R-M6ECA-2	889R-E6ECA-2

Patchcords 

No. of Pins	Assembly Rating	Color Code	Cat. No.*			
			Straight Female Straight Male	Straight Female Right Angle Male	Right Angle Female Straight Male	Right Angle Female Right Angle Male
3-Pin	Braided 22 AWG , 250V, 4 A	A	889R-F3ECRM-2	889R-F3ECRE-2	889R-R3ECRM-2	889R-R3ECRE-2
	18 AWG , 250V, 4 A		889R-F3AERM-2	889R-F3AERE-2	889R-R3AERM-2	889R-R3AERE-2
4-Pin	Braided 22 AWG , 250V, 4 A		889R-F4ECRM-2	889R-F4ECRE-2	889R-R4ECRM-2	889R-R4ECRE-2
	18 AWG , 250V, 4 A		889R-F4AERM-2	889R-F4AERE-2	889R-R4AERM-2	889R-R4AERE-2
5-Pin	Braided 22 AWG , 250V, 4 A		889R-F5ECRM-2	889R-F5ECRE-2	889R-R5ECRM-2	889R-R5ECRE-2
	18 AWG , 250V, 4 A		889R-F5AERM-2	889R-F5AERE-2	889R-R5AERM-2	889R-R5AERE-2
6-Pin	Braided 22 AWG , 250V, 4 A		889R-F6ECRM-2	889R-F6ECRE-2	889R-R6ECRM-2	889R-R6ECRE-2

* The 2 at the end of the cat. no. is for 2 m cable length. Replace the 2 with 5 (5 m) or 10 (10 m) for standard cable lengths.

3-Cordsets

Cordsets and Patchcords, AC Micro Style

18 AWG, ToughWeld™



3-Pin AC Micro Cordset

Features

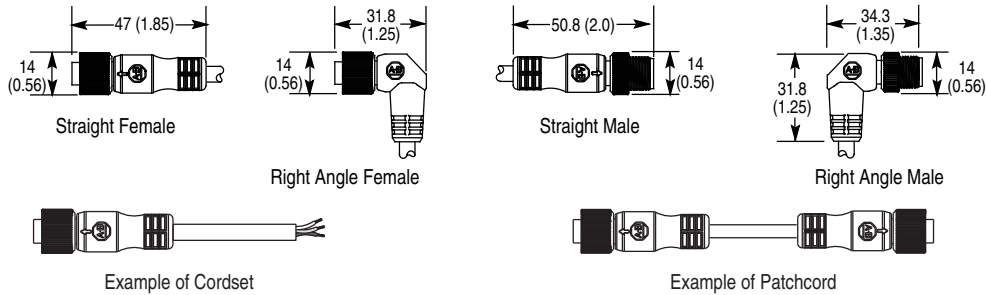
- Durable SJOOW 18 AWG cable
- Highly visible yellow ToughWeld neoprene rubber jacket offers excellent weld slag resistance
- Ratcheting coupling nuts for vibration resistance

Specifications



Certifications	UL Recognized and CSA Certified
Mechanical	
Coupling Nut Material	Epoxy-coated zinc
Connector Material	Molded oil-resistant polyurethane
Contact Material	Gold over nickel-plated brass
Cable Type	Oil-resistant yellow TPE jacket, 18 AWG stranded copper, cable voltage = 300V
Bend Radius	10x diameter
Cable Diameter [mm (in.)]	9 (0.35)
Electrical	
Cable Rating	UL -50C SJOOW 90C dry and 60C water resistant, CSA -50C SJOOW 90C FT1
Assembly Rating	250V, 3 A
Environmental	
Enclosure Type Rating	IP67, IP69K
Temperature Rating [C (F)]	-50...+105° (-58...+221°)

Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



Pinout and Color Code

Face View Pinout	
3-Pin	
	
Color Code	Female Male
A	1 Green 2 Red/Black Tr. 3 Red/White Tr.

Product Selection

Cordsets 

No. of Pins	Assembly Rating	Material	Color Code	Cat. No.*			
				Straight Female	Right Angle Female	Straight Male	Right Angle Male
3-Pin	18 AWG, 250V, 4 A	ToughWeld	A	889R-F3WEC-2	889R-R3WEC-2	889R-M3WEC-2	889R-E3WEC-2
4-Pin	18 AWG, 250V, 4 A	ToughWeld	A	889R-F4WEC-2	889R-R4WEC-2	889R-M4WEC-2	889R-E4WEC-2
5-Pin	18 AWG, 250V, 4 A	ToughWeld	A	889R-F5WEC-2	889R-R5WEC-2	889R-M5WEC-2	889R-E5WEC-2
3-Pin	18 AWG, 250V, 4 A	ToughLink	A	889R-F3HEA-2	889R-R3HEA-2	889R-M3HEA-2	889R-E3HEA-2
4-Pin	18 AWG, 250V, 4 A	ToughLink	A	889R-F4HEA-2	889R-R4HEA-2	889R-M4HEA-2	889R-E4HEA-2

* The 2 at the end of the cat. no. is for 2 m cable length. Replace the 2 with 5 (5 m) or 10 (10 m) for standard cable lengths.

Patchcords 

No. of Pins	Assembly Rating	Material	Color Code	Cat. No.*			
				Straight Female Straight Male	Straight Female Right Angle Male	Right Angle Female Straight Male	Right Angle Female Right Angle Male
3-Pin	18 AWG, 250V, 4 A	ToughWeld	A	889R-F3WERM-3F	889R-F3WERE-3F	889R-R3WERM-3F	889R-R3WERE-3F
4-Pin	18 AWG, 250V, 4 A	ToughWeld	A	889R-F4WERM-3F	889R-F4WERE-3F	889R-R4WERM-3F	889R-R4WERE-3F
5-Pin	18 AWG, 250V, 4 A	ToughWeld	A	889R-F5WERM-3F	889R-F5WERE-3F	889R-R5WERM-3F	889R-R5WERE-3F
3-Pin	18 AWG, 250V, 4 A	ToughLink	A	889R-F3HERM-3F	889R-F3HERE-3F	889R-R3HERM-3F	889R-R3HERE-3F
4-Pin	18 AWG, 250V, 4 A	ToughLink	A	889R-F4HERM-3F	889R-F4HERE-3F	889R-R4HERM-3F	889R-R4HERE-3F

* The 2 at the end of the cat. no. is for 2 m cable length. Replace the 2 with 5 (5 m) or 10 (10 m) for standard cable lengths.

3-Cordsets

Cordsets and Patchcords, AC Micro Style

18 AWG, Yellow PUR & TPE (Flex Rated)



3-Pin AC Micro Cordset

Features

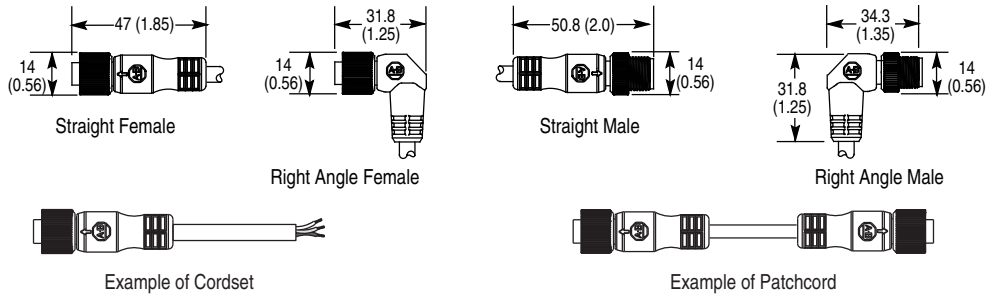
- PUR cable rated to 5 million flex cycles
- TPE cable rated to 10 million flex cycles
- Durable in high-flex applications

Specifications

Certifications	UL Recognized and CSA Certified
Mechanical	
Material	Molding oil-resistant PVC
Contact Material	Gold over nickel-lated brass
Cable Type	Unshielded, oil, water, and UV resistant
Cable Diameter [mm (in.)]	3/c TPE 6.0 (0.24) 3/c PUR 6.6 (0.26) 4/c TPE 6.6 (0.26) 4/c PUR 6.6 (0.26) 5/c TPE 7.7 (0.30) 5/c PUR 7.7 (0.30)
Electrical	
Cable Rating	UL AWM, UV, oil and water resistant, 18 AWG
Assembly Rating	250V, 4 A
Environmental	
Enclosure Type Rating	IP67, IP69K

Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



Cordsets & Field Attachables
Cordsets and Patchcords, AC Micro Style
 18 AWG, Yellow PUR & TPE (Flex Rated)

Pinout and Color Code

Color Code	Face View Pinout							
	3-Pin		4-Pin		5-Pin		6-Pin	
	Female	Male	Female	Male	Female	Male	Female	Male
A	1 Green (GND) 2 Red/Black Tr. 3 Red/White Tr.	1 Red/Black Tr. 2 Red/White Tr.	3 Red 4 Green (GND)	1 Red/White Tr. 2 Red 3 Green	4 Red/Yellow Tr. 5 Red/Black Tr.	1 Red/White Tr. 2 Red 3 Green	4 Red/Yellow Tr. 5 Red/Black Tr. 6 Red/Blue Tr.	

Product Selection

Cordsets

No. of Pins	Cable Rating	Temperature Rating [C (F)]	Jacket Material	Cat. No.*			
				Straight Female	Right Angle Female	Straight Male	Right Angle Male
3-Pin	Flex rated to 5 million cycles	-20...+80° (-4...+105)	Yellow PUR	889R-F3UEA-2	889R-R3UEA-2	889R-M3UEA-2	889R-E3ECA-2
	Flex rated to 10 million cycles	-50...+105° (-58...+221)	Yellow TPE	889R-F3HJA-2	889R-R3HJA-2	889R-M3HJA-2	889R-E3AEA-2
4-Pin	Flex rated to 5 million cycles	-20...+80° (-4...+105)	Yellow PUR	889R-F4UEA-2	889R-R4UEA-2	889R-M4UEA-2	889R-E4ECA-2
	Flex rated to 10 million cycles	-50...+105° (-58...+221)	Yellow TPE	889R-F4HJA-2	889R-R4HJA-2	889R-M4HJA-2	889R-E4AEA-2
5-Pin	Flex rated to 5 million cycles	-20...+80° (-4...+105)	Yellow PUR	889R-F5UEA-2	889R-R5UEA-2	889R-M5UEA-2	889R-E5ECA-2
	Flex rated to 10 million cycles	-50...+105° (-58...+221)	Yellow TPE	889R-F5HJA-2	889R-R5HJA-2	889R-M5HJA-2	889R-E5AEA-2

* The 2 at the end of the cat. no. is for 2 m cable length. Replace the 2 with 5 (5 m) or 10 (10 m) for standard cable lengths.

Patchcords

No. of Pins	Cable Rating	Temperature Rating [C (F)]	Jacket Material	Cat. No.*			
				Straight Female Straight Male	Straight Female Right Angle Male	Right Angle Female Straight Male	Right Angle Female Right Angle Male
3-Pin	Flex rated to 5 million cycles	-20...+80° (-4...+176)	Yellow PUR	889R-F3UERM-2	889R-R3UERE-2	889R-R3UERM-2	889R-R3UERE-2
	Flex rated to 10 million cycles	-50...+105° (-58...+221)	Yellow TPE	889R-F3HJRM-2	889R-F3HJRE-2	889R-R3HJRM-2	889R-R3HJRE-2
4-Pin	Flex rated to 5 million cycles	-20...+80° (-4...+176)	Yellow PUR	889R-F4UERM-2	889R-F4UERE-2	889R-R4HJRM-2	889R-R4UERE-2
	Flex rated to 10 million cycles	-50...+105° (-58...+221)	Yellow TPE	889R-F4HJRM-2	889R-F4HJRE-2	889R-R4HJRM-2	889R-R4HJRE-2
5-Pin	Flex rated to 10 million cycles	-50...+105° (-58...+221)	Yellow TPE	889R-F5UERM-2	889R-F5UERE-2	889R-R5HJRM-2	889R-R5UERE-2
	Flex rated to 5 million cycles	-20...+80° (-4...+176)	Yellow PUR	889R-F5HJRM-2	889R-F5HJRE-2	889R-R5HJRM-2	889R-R5HJRE-2

* The 2 at the end of the cat. no. is for 2 m cable length. Replace the 2 with 0M3 (0.3 m), 1 (1 m), 3 (3 m), 5 (5 m), or 10 (10 m) for standard lengths.

3-Cordsets

Cordsets and Patchcords, AC Micro Style

PLTC, 18 and 22 AWG, Grey PVC



4-Pin AC Micro Cordset

Features

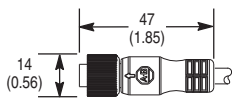
- Power Limited Tray Cable (PLTC)
- Grey PVC jacket offers good oil and chemical resistance
- Heavy-duty reinforced braiding can be used as a grounded shield to reduce noise
- Ratcheting coupling nut for vibration resistance

Specifications

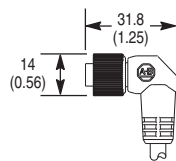
Certifications	UL Recognized and CSA Certified
Mechanical	
Coupling Nut Material	Epoxy-coated zinc
Housing Material	Molded oil-resistant PVC
Contact Material	Gold over nickel-plated brass
Cable Type	Oil-resistant grey PVC jacket, 18 or 22 AWG conductors, 300V UL Listed and CSA Certified
Bend Radius	10x diameter
Electrical	
Cable Rating	UL PLTC AWM Style 2661VW-1 105C 300V, CSA AWM A/B 1/11 80C 300V FT1, UV oil and water resistant
Assembly Rating	250V, 4 A
Environmental	
Enclosure Type Rating	IP67 & IP69K
Temperature Rating [C (F)]	-20...+105 (-4...+221)

Approximate Dimensions

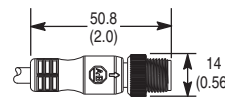
Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



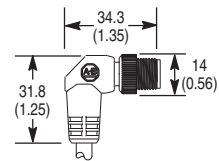
Straight Female



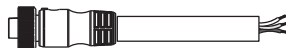
Right Angle Female



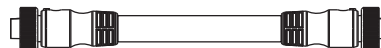
Straight Male



Right Angle Male



Example of Cordset



Example of Cordset

Cordsets & Field Attachables
Cordsets and Patchcords, AC Micro Style
 PLTC, 18 and 22 AWG, Grey PVC

Pinout and Color Code

Color Code	Face View Pinout							
	3-Pin		4-Pin		5-Pin		6-Pin	
	Female	Male	Female	Male	Female	Male	Female	Male
A	1 Green 2 Red/Black Tr 3 Red/White Tr	1 Red/Black Tr 2 Red/White Tr	3 Red 4 Green (GND)	1 Red/White Tr 2 Red 3 Green (GND)	4 Red/Yellow Tr 5 Red/Black Tr	1 Red/White Tr 2 Red 3 Green	4 Red/Yellow Tr 5 Red/Black Tr 6 Red/Blue Tr	

Product Selection

Cordsets 

No. of Pins	Jacket Material	Wire Size, AWG	Cable Diameter [mm (in.)]	Cat. No.*			
				Straight Female (Internal Threads)	Right Angle Female	Straight Male	Right Angle Male
3-pin	Grey PVC	18	6.7 (0.26)	889R-F3GEA-2	889R-R3GEA-2	889R-M3GEA-2	889R-E3GEA-2
4-pin	Grey PVC	18	6.7 (0.26)	889R-F4GEA-2	889R-R4GEA-2	889R-M4GEA-2	889R-E4GEA-2
5-pin	Grey PVC	18	7.6 (0.3)	889R-F5GEA-2	889R-R5GEA-2	889R-M5GEA-2	889R-E5GEA-2
6-pin	Grey PVC Braided	22	6.7 (0.26)	889R-F6KCA-2	889R-R6KCA-2	889R-M6KCA-2	889R-E6KCA-2

Patchcords 

No. of Pins	Jacket Material	Wire Size, AWG	Cable Diameter [mm (in.)]	Cat. No.*			
				Straight Female Straight Male	Straight Female Right Angle Male	Right Angle Female Straight Male	Right Angle Female Right Angle Male
3-pin	Grey PVC	18	6.7 (0.26)	889R-F3GERM-2	889R-F3GERE-2	889R-R3GERM-2	889R-R3GERE-2
4-pin	Grey PVC	18	6.7 (0.26)	889R-F4GERM-2	889R-F4GERE-2	889R-R4GERM-2	889R-R4GERE-2
5-pin	Grey PVC	18	7.6 (0.3)	889R-F5GERM-2	889R-F5GERE-2	889R-R5GERM-2	889R-R5GERE-2
6-pin	Grey PVC Braided	22	6.7 (0.26)	889R-F6KCRM-2	889R-F6KCRE-2	889R-R6KCRM-2	889R-R6KCRE-2

* The 2 at the end of the cat. no. is for 2 m cable length. Replace the 2 with 5 (5 m) or 10 (10 m) for standard cable lengths.

3-Cordsets

Mini Style

Configurator

Cordset

889N S - F 3 A F C - 12F
a b c d e f g

a

Coupling Nut Material	
Code	Description
Blank	Standard Coupling Nuts (Nickel Plated Brass)
S	Stainless Steel Coupling Nuts

b

Connector Type	
Code	Description
F	Straight Female (Internal Threads)
K	Straight Female, PNP, Snap-On (Internal Threads)
L	Neon, Right Angle Female (Internal Threads)
R	Right Angle Female (Internal Threads)
U	Straight Male (Internal Threads)
V	Right Angle Male (Internal Threads)

c

Number of Pins	
Code	Description
2...6	Number of Pins

d

Jacket Material	
Code	Description
A	PVC Cable
G	PVC Cable, Grey, Unshielded
H	ToughLink™ Cable
W	ToughWeld™ Cable

e

Wire Gauge	
Code	Description
C	22 AWG (9) 22 AWG/(3) 18 AWG
E	18 AWG
F	16 AWG

f

Color Code	
Code	Description
Blank	IEC Color Code
A	Automotive Color Code
C	U.S. Industry Standard Color Code

g

Cable Length	
Code	Description
Blank	Meters (0M3 = 0.3 m)
F	Feet (1F5 = 1.5 ft)

Patchcord

889N S - F 4 A F N U - 12F
a b c d e f g h

a

Coupling Nut Material	
Code	Description
Blank	Standard Coupling Nuts (Nickel Plated Brass)
S	Stainless Steel Coupling Nuts

b

Connector Type	
Code	Description
F	Straight Female (Internal Threads)
K	Straight Female, PNP, Snap-On (Internal Threads)
R	Right Angle Female (Internal Threads)

c

No. of Pins	
Code	Description
2...6	No. of Pins

d

Jacket Material	
Code	Description
A	PVC Cable
G	PVC Cable, Grey, Unshielded
H	ToughLink™ Cable
W	ToughWeld™ Cable

e

Wire Gauge	
Code	Description
C	22 AWG (9) 22 AWG/(3) 18 AWG
E	18 AWG
F	16 AWG

f

Male End Connector Style	
Code	Description
N	Mini QD

g

Male End Connector Type	
Code	Description
E	Right Angle Male (External Threads)
M	Straight Male (External Threads)
U	Straight Male (Internal Threads)
V	Right Angle Male (Internal Threads)

h

Cable Length	
Code	Description
Blank	Meters (0M3 = 0.3 m)
F	Feet (1F5 = 1.5 ft)

Note: The Configurators are for reference only. Please do not use these to create a catalog number as the result may be unavailable.



Receptacles

888N – $\frac{F}{a}$ $\frac{4}{b}$ $\frac{A}{c}$ $\frac{F}{d}$ $\frac{1}{e}$ – $\frac{1F}{f}$

a

Connector Type	
Code	Description
F	Straight Female (External Threads)
R	Right Angle Female (External Threads)
M	Straight Male (External Threads)
E	Right Angle Male (External Threads)

b

No. of Pins	
Code	Description
2...6	No. of Pins

c

Wire Type	
Code	Description
A	PVC

d

Wire Gauge	
Code	Description
E	18 AWG
F	16 AWG

e

Mounting Threads	
Code	Description
1	1/2 inch 14 NPT

f

Cable Length	
Code	Description
Blank	Meters (0M3 = 0.3 m)
F	Feet (1F5 = 1.5 ft)

3-Cordsets

Cordsets & Patchcords, Mini Style

16 AWG, STOOW PVC



4-Pin Straight Mini Cordset

Features

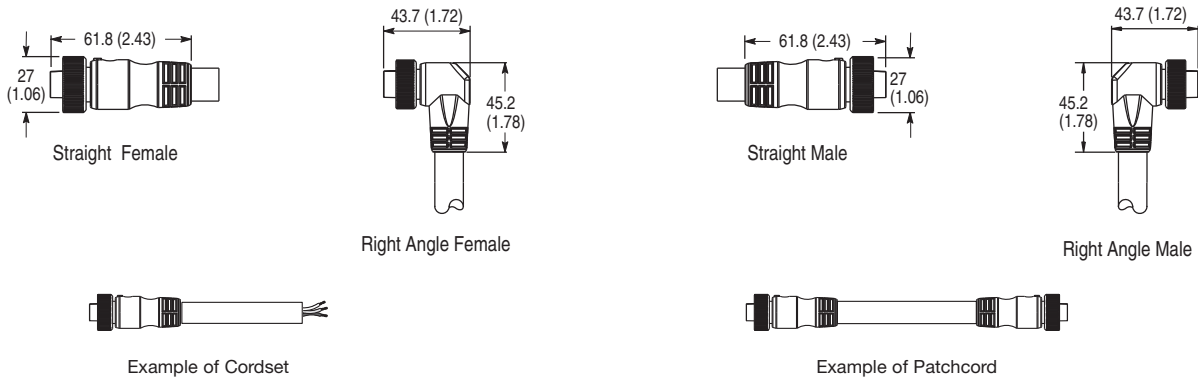
- Heavy duty STOOW-A 16 AWG cable
- PVC jacket offers good oil and chemical resistance
- 2-, 3-, 4-, 5-, and 6-pin configurations
- Ratcheting coupling nut for vibration resistance

Specifications

Certifications	UL Recognized and CSA Certified
Mechanical	
Coupling Nut Material	Epoxy-coated zinc
Housing Material	Molded oil-resistant TPE
Contact Material	Gold-plated palladium/nickel
Cable Type	Oil-resistant yellow PVC jacket, 16 AWG stranded copper, 600V; UL Recognized and CSA Certified, STOOW-A
Bend Radius	10x diameter
Cable Diameter [mm (in.)]	2/c = 10 (0.40) 3/c = 10 (0.40) 4/c = 11 (0.43) 5/c = 13 (0.51) 6/c = 14 (0.55)
Electrical	
Cable Rating	UL STOOW VW-1 105C 600V, CSA ST 105C 600V FT2, UV oil and water resistant
Assembly Rating	2-pin = 600V, 13 A 3-pin = 600V, 13 A 4-pin = 600V, 10 A 5-pin = 600V, 8 A 6-pin = 600V, 8 A
Environmental	
Enclosure Type Rating	NEMA 4, 6P, 12, 13; IP67; 1200 psi washdown, IP69K
Temperature Rating [C (F)]	-20...+105° (-4...+221°)

Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



Mating Components & Accessories

Description	Cat. No.	Page
Coupling Adaptors	889A-NADPT	3-162

Pinout and Color Code

Color Code	Face View Pinout									
	2-Pin		3-Pin		4-Pin		5-Pin		6-Pin	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
A (US)	1 White 2 Black	1 Green 2 Black 3 White	1 Black 2 White	3 Red 4 Green	1 White 2 Red 3 Green	4 Orange 5 Black	1 White 2 Red 3 Green	4 Orange 5 Black 6 Blue	1 White 2 Red 3 Green	4 Orange 5 Black 6 Blue
B (Auto)	—	1 Green 2 Red/Black Tr 3 Red/White Tr	1 Red/Black Tr 2 Red/White Tr	3 Red 4 Green	1 Red/White Tr 2 Red 3 Green 4 Red/Yellow Tr 5 Red/Black Tr	—	—	—	—	—
C (IEC)	—	—	1 Black 2 Blue	3 Brown 4 White	1 Black 2 Blue 3 Orange	4 Brown 5 White	1 Blue 2 Orange 3 Red	4 White 5 Brown 6 Black	1 Blue 2 Orange 3 Red	4 White 5 Brown 6 Black

Product Selection

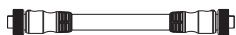
Cordsets



No. of Pins	Assembly Rating	Color Code	Cat. No.*			
			Straight Female	Right Angle Female	Straight Male	Right Angle Male
2-Pin	600V, 13 A	A	889N-F2AFC-6F	889N-R2AFC-6F	889N-U2AFC-6F	889N-V2AFC-6F
		A	889N-F3AFC-6F	889N-R3AFC-6F	889N-U3AFC-6F	889N-V3AFC-6F
3-Pin	600V, 13 A	B	889N-F3AFA-6F	889N-R3AFA-6F	889N-U3AFA-6F	889N-V3AFA-6F
		A	889N-F4AFC-6F	889N-R4AFC-6F	889N-U4AFC-6F	889N-V4AFC-6F
4-Pin	600V, 10 A	B	889N-F4AFA-6F	889N-R4AFA-6F	889N-U4AFA-6F	889N-V4AFA-6F
		A	889N-F4AF-6F	889N-R4AF-6F	889N-U4AF-6F	889N-V4AF-6F
		A	889N-F5AFC-6F	889N-R5AFC-6F	889N-U5AFC-6F	889N-V5AFC-6F
5-Pin	600V, 8 A	B	889N-F5AFA-6F	889N-R5AFA-6F	889N-U5AFA-6F	889N-V5AFA-6F
		C	889N-F5AF-6F	889N-R5AF-6F	889N-U5AF-6F	889N-V5AF-6F
		C	889N-F6AFC-6F	889N-R6AFC-6F	889N-U6AFC-6F	889N-V6AFC-6F
6-Pin	600V, 8 A	A	889N-F6AF-6F	889N-R6AF-6F	889N-U6AF-6F	889N-V6AF-6F

* The **6F** at the end of the cat. no. is for 6 ft cable length. Replace the **6** with **12** (12 ft), or **20** (20 ft) for other standard cable lengths.

Patchcords



No. of Pins	Assembly Rating	Cat. No.*			
		Straight Female Straight Male	Straight Female Right Angle Male	Right Angle Female Straight Male	Right Angle Female Right Angle Male
2-Pin	600V, 13 A	889N-F2AFNU-6F	889N-F2AFNV-6F	889N-R2AFNU-6F	889N-R2AFNV-6F
3-Pin	600V, 13 A	889N-F3AFNU-6F	889N-F3AFNV-6F	889N-R3AFNU-6F	889N-R2AFNV-6F
4-Pin	600V, 10 A	889N-F4AFNU-6F	889N-F4AFNV-6F	889N-R4AFNU-6F	889N-R2AFNV-6F
5-Pin	600V, 8 A	889N-F5AFNU-6F	889N-F5AFNV-6F	889N-R5AFNU-6F	889N-R5AFNV-6F
6-Pin	600V, 8 A	889N-F6AFNU-6F	889N-F6AFNV-6F	889N-R6AFNU-6F	889N-R6AFNV-6F

* The **6F** at the end of the cat. no. is for 6 ft cable length. Replace the **6** with **3** (3 ft), **12** (12 ft), or **20** (20 ft) for other standard cable lengths.

Note: Stainless steel connector versions may be ordered by adding an **S** to the cat. no., e.g., 889NS-F3AFC-6F.

3-Cordsets