

Connection Systems
Cordsets & Patchcords, Mini-Plus Style

16 or 18/22 AWG

Mini-Plus Style



10-Pin Mini-Plus Cordset

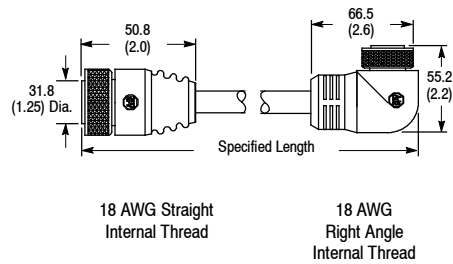
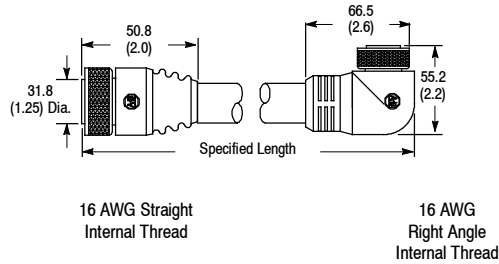
Features

- Heavy duty STOOW 16 AWG cable
- Highly visible yellow PVC jacket offers good oil and chemical resistance
- One-piece molded body design

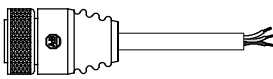
Specifications

Certifications	UL Recognized and CSA Certified
Mechanical	
Coupling Nut	Anodized aluminum with clear sealant
Material	Molded oil-resistant PVC
Contacts	Gold-plated machined brass
Cable	Oil-resistant yellow PVC jacket, 16 AWG stranded copper, 600V; UL Recognized and CSA Certified, STOOW
Bend Radius	10x diameter, min.
Cable Diameter	16 AWG 9/c = 17 mm (0.67 in.) 16 AWG 10/c = 17 mm (0.67 in.) 16 AWG 12/c = 18 mm (0.71 in.) 18/22 AWG 12/c = 9 mm (0.36 in.)
Electrical	
Cable Rating	16 AWG: UL STOOW 105C 600V, CSA ST 105C FT2 18/22 AWG: UL AWM style 2661 VW-1 105C 300V, CSA AWM A/B I/II 105C 300V FT4
Assembly Rating	16 AWG: 600V, 7 A; 18/22 AWG: 300V, 3 A
Environmental	
Enclosure Type Rating	NEMA 4, 6P, 12, 13; IP67; 1200 psi washdown
Operating Temperature [C (F)]	-40...+105° (-40...+221°)

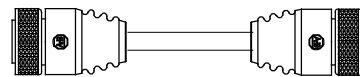
Approximate Dimensions [mm (in.)]



Dimensions are approximate. Illustrations are not drawn to scale.



Example of Cordset


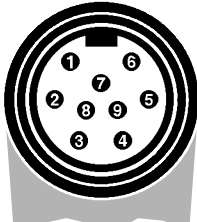
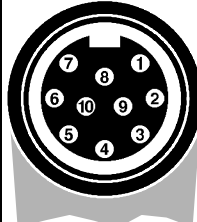
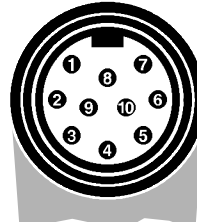
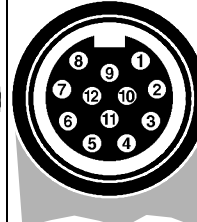
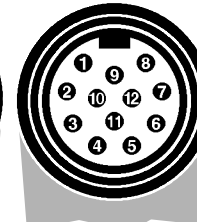


Example of Patchcord

Mating Components & Accessories

Description	Cat. No.	Page
Coupling Adaptor	889A-N3ADPT	12-11

Pinout and Color Code

Color Code	Face View Pinout					
	9-Pin		10-Pin		12-Pin	
	Female	Male	Female	Male	Female	Male
A	 1 Orange 2 Blue 3 Red/Black Tr 4 Green/Black Tr 5 White	 6 Red 7 Green 8 White/Black Tr 9 Black	 1 Orange 2 Blue 3 White/Black Tr 4 Red/Black Tr 5 Green/Black Tr	 6 Orange/Black Tr 7 Red 8 Green 9 Black 10 White	 1 Orange 2 Blue 3 White/Black Tr 4 Red/Black Tr 5 Green/Black Tr 6 Orange/Black Tr	 7 Blue/Black Tr 8 Black/White Tr 9 Green 10 Red 11 White 12 Black
B	—		—		1 White 2 Green 3 Yellow 4 Grey 5 Rose 6 Red	7 Black 8 Violet 9 Green/Yellow ① 10 Orange 11 Blue ① 12 Brown ①

Product Selection

Cordsets 

Pin Count	Assembly Rating	Color Code	Cat. No.	
			Straight Female	Straight Male
9-Pin	16 AWG, 600V, 7 A	A	889N-F9AF-②	889N-U9AF-②
10-Pin	16 AWG, 600V, 7 A		889N-F10AF-②	889N-U10AF-②
12-Pin	16 AWG, 600V, 7 A		889N-F12AF-②	889N-U12AF-②
	(3) 18 AWG/(9) 22 AWG, 300V, 3 A	B	889N-F12AC-②	—

Patchcords 

Pin Count	Assembly Rating	Cat. No.	
		Straight Female Straight Male	Straight Female Right Angle Male
9-Pin	16 AWG, 600V, 7 A	889N-F9AFNU-③	—
10-Pin	16 AWG, 600V, 7 A	889N-F10AFNU-③	889N-F10AFNV-③
10-Pin	(3) 18 AWG/(9) 22 AWG, 300V, 3 A	889N-F10ACNU-③	889N-F10ACNV-③
12-Pin	16 AWG, 600V, 7 A	889N-F12AFNU-③	889N-F12AFNV-③
12-Pin	(3) 18 AWG/(9) 22 AWG, 300V, 3 A	889N-F12ACNU-③	889N-F12ACNV-③
Thread adaptor to couple standard internally threaded ends.		889A-N3ADPT	889A-N3ADPT

- ① 18 AWG conductors
- ② Replace symbol with 2 (2 m (6.5 ft)), 5 (5 m (16.4 ft)), or 10 (10 m (32.8 ft)) for standard cable lengths.
- ③ Replace symbol with 1 (1 m), 2 (2 m), 3 (3 m), 5 (5 m), or 10 (10 m) for standard cable lengths.