

7/8in - 16 UN2 Connection Cables

7/8in - 16 UN2 Male to Pigtail Cables

Overview

Murrelektronik connection cables are versatile and specially optimized for industrial environments. All connectors are tested 100% during the manufacturing process to ensure the highest quality and reliability. They use gold-plated contacts, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments.

Features

- Established power connector for I/O modules and field devices
- UL listed cable assemblies for industrial control and signal use
- Features UL listed cables for NEC as well as NFPA79 installation spaces
- TPE (thermoplastic elastomer) has TC-ER and FT4 flame ratings for use in cable tray and exposed runs expanded temperature range, oil, UV, and weld slag resistant

**7700-A4001-U0C0100****7700-A4011-U0C0100**

7/8in - 16 UN2 Male to Pigtail Cables

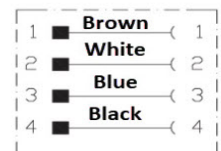
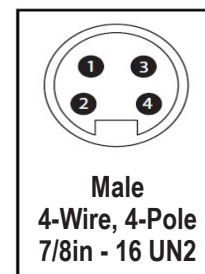
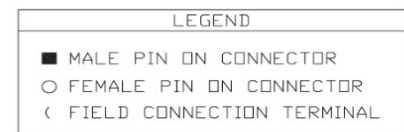
Part Number	Price	Number of Wires	Connectors	Cable Jacket Material	Jacket Color	Length m [ft]	Drawing Link
7700-A4001-U0C0100	\$23.00	4	7/8in - 16 UN2 axial male with male threads Pigtail with European Color Code	TPE (thermoplastic elastomer)	Yellow	1 [3.2]	PDF
7700-A4001-U0C0200	\$30.00					2 [6.5]	PDF
7700-A4001-U0C0300	\$36.50					3 [9.8]	PDF
7700-A4001-U0C0500	\$49.00					5 [16.4]	PDF
7700-A4001-U0C1000	\$81.00					10 [32.8]	PDF
7700-A4011-U0C0100	\$27.00		7/8in - 16 UN2 90-degree male with male threads Pigtail with European Color Code			1 [3.2]	PDF
7700-A4011-U0C0200	\$33.50					2 [6.5]	PDF
7700-A4011-U0C0300	\$39.50					3 [9.8]	PDF
7700-A4011-U0C0500	\$52.00					5 [16.4]	PDF
7700-A4011-U0C1000	\$84.00					10 [32.8]	PDF

Specifications

Model	A40x1 Series
Type	4-Wire, 4-Pole
Max Voltage	600 VAC/VDC
Max Voltage - UL Rating	600 VAC/VDC
Max Current per Contact	9A
Protection Degree	IP68
Nut Material	Threads are nickel-plated die-cast zinc
Cable Jacket/Wire Insulation Material	TPE/PVC
Contacts Material	Gold-plated zinc
Tightening Torque	1.5 N·m [1.10 ft·lb]
Conductors Cross Section	1.5 mm ² [16 AWG]
Outer Cable Diameter Ø	9.0 mm ± 0.18
Temperature Range - Stationary Use	-50 to 105°C [-58 to 221°F]
Temperature Range - Flexible Use	-20 to 90°C [-4 to 194°F]
Min Bend Radius	Stationary use: 8 x cable diameter Flexible use: 10 x cable diameter
Approvals*	cULus

* To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

European Color Code Wiring Diagram



7/8in - 16 UN2 Connection Cables

7/8in - 16 UN2 Female to Pigtail Cables

Overview

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7700-A4021-U0C0100



7700-A4031-U0C0100

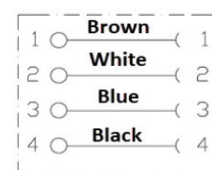
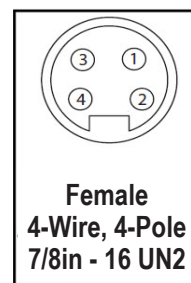
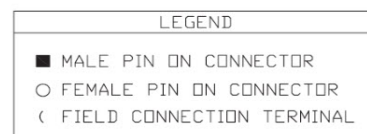
7/8in - 16 UN2 Female to Pigtail Cables							
Part Number	Price	Number of Wires	Connectors	Cable Jacket Material	Jacket Color	Length m [ft]	Drawing Link
7700-A4021-U0C0100	\$23.00	4	7/8in - 16 UN2 axial female with female threads Pigtail with European Color Code	TPE (thermoplastic elastomer)	Yellow	1 [3.2]	PDF
7700-A4021-U0C0200	\$30.00					2 [6.5]	PDF
7700-A4021-U0C0300	\$36.50					3 [9.8]	PDF
7700-A4021-U0C0500	\$49.00					5 [16.4]	PDF
7700-A4021-U0C1000	\$81.00					10 [32.8]	PDF
7700-A4031-U0C0100	\$27.00		7/8in - 16 UN2 90-degree female with female threads Pigtail with European Color Code			1 [3.2]	PDF
7700-A4031-U0C0200	\$33.50					2 [6.5]	PDF
7700-A4031-U0C0300	\$39.50					3 [9.8]	PDF
7700-A4031-U0C0500	\$52.00					5 [16.4]	PDF
7700-A4031-U0C1000	\$84.00					10 [32.8]	PDF

Specifications

Model	A40x1 Series
Type	4-Wire, 4-Pole
Max Voltage	600 VAC/VDC
Max Voltage - UL Rating	600 VAC/VDC
Max Current per Contact	9A
Protection Degree	IP68
Nut Material	Threads are nickel-plated die-cast zinc
Cable Jacket/Wire Insulation Material	TPE/PVC
Contacts Material	Gold-plated zinc
Tightening Torque	1.5 N·m [1.10 ft·lb]
Conductors Cross Section	1.5 mm ² [16 AWG]
Outer Cable Diameter Ø	9.0mm ± 0.18
Temperature Range - Stationary Use	-50 to 105°C [-58 to 221°F]
Temperature Range - Flexible Use	-20 to 90°C [-4 to 194°F]
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European Color Code Wiring Diagram



7/8in - 16 UN2 Connection Cables

7/8in - 16 UN2 Male to Female Cables

Overview

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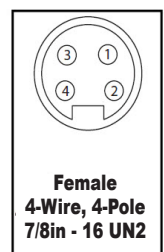
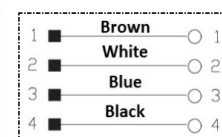
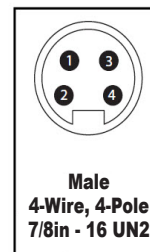


7/8in - 16 UN2 Male to Female Cables							
Part Number	Price	Number of Wires	Connectors	Cable Jacket Material	Jacket Color	Length m [ft]	Drawing Link
7700-A4A01-U0C0030	\$35.50	4	7/8in - 16 UN2 axial male with male threads 7/8in - 16 UN2 axial female with female threads	TPE (thermoplastic elastomer)	Yellow	3 [9.8]	PDF
7700-A4A01-U0C0100	\$39.50					1 [3.2]	PDF
7700-A4A01-U0C0200	\$46.00					2 [6.5]	PDF
7700-A4A01-U0C0300	\$52.00					3 [9.8]	PDF
7700-A4A01-U0C0500	\$65.50					5 [16.4]	PDF
7700-A4A01-U0C1000	\$98.00					10 [32.8]	PDF
7700-A4A31-U0C0030	\$41.50		7/8in - 16 UN2 90-degree male with male threads 7/8in - 16 UN2 90-degree female with female threads			1 [3.2]	PDF
7700-A4A31-U0C0100	\$46.00					3 [9.8]	PDF
7700-A4A31-U0C0200	\$52.00					2 [6.5]	PDF
7700-A4A31-U0C0300	\$59.50					3 [9.8]	PDF
7700-A4A31-U0C0500	\$72.00					5 [16.4]	PDF
7700-A4A31-U0C1000	\$103.00					10 [32.8]	PDF

Specifications

Model	A4A0x1 Series
Type	4-Wire, 4-Pole
Max Voltage	600 VAC/VDC
Max Voltage - UL Rating	600 VAC/VDC
Max Current per Contact	9A
Protection Degree	IP68
Nut Material	Threads are nickel-plated die-cast zinc
Cable Jacket/Wire Insulation Material	TPE/PVC
Contacts Material	Gold-plated zinc
Tightening Torque	1.5 N·m [1.10 ft·lb]
Conductors Cross Section	1.5 mm ² [16 AWG]
Outer Cable Diameter Ø	9.0mm ± 0.18
Temperature Range - Stationary Use	-50 to 105°C [-58 to 221°F]
Temperature Range - Flexible Use	-20 to 90°C [-4 to 194°F]
Min Bend Radius	Stationary use: 8 x cable diameter Flexible use: 10 x cable diameter
Approvals*	cULus

European Color Code Wiring Diagram



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7/8in - 16 UN2 Field-Wireable Connectors

7/8in - 16 UN2 Field-Wireable Connectors

Overview

Murrelektronik 7/8in - 16 UN2 field-wireable connectors are designed for cables with a diameter range of 6-8 mm and are IP67 rated. These connectors are 4-pin and are designed to handle up to 9 Amps per contact.



7000-78061-0000000



7000-78181-0000000

7/8in - 16 UN2 Field-Wireable Connectors

Part Number	Price	Number of Wires, Poles	Connection Type	Connector Type	Conductor Size	Outside Cable Ø	Drawing Link
<u>7000-78061-0000000</u>	\$24.00	4	7/8in - 16 UN2 axial male with male threads	Screw	16 AWG [1.5 mm²]	6-8mm [0.23-0.31 in]	<u>PDF</u>
<u>7000-78181-0000000</u>	\$20.00		7/8in - 16 UN2 axial female with female threads				<u>PDF</u>

Specifications

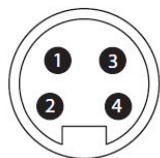
Model	78061	78181
Max Voltage	300 VAC/VDC	
Max Current per Contact	9 A	
Temperature Range	-25 to 85°C [-13 to 185°F]	
Protection Degree	IP67	
Housing Material	Thermoplastic (PBT)	Polyamide (PA)/Polyurethane (PUR)
Locking Material	Zinc die-casting	
Weight	0.06 oz [1.70 g]	0.04 oz [1.13 g]
Approvals*	cURus	

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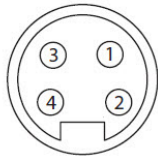
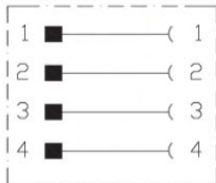
Wiring Diagrams

LEGEND

- MALE PIN ON CONNECTOR
- FEMALE PIN ON CONNECTOR
- (FIELD CONNECTION TERMINAL



Male
4-Wire, 4-Pole
7/8in - 16 UN2



Female
4-Wire, 4-Pole
7/8in - 16 UN2

