

# COMPACT

## MINI (7/8")

### CABLES BY MURRELEKTRONIK

Murrelektronik's new Mini-A (7/8") cables are the perfect solution for power and control circuit connections. Cable assemblies are c(UL)us Listed. Available in 3, 4 or 5-pole and all configurations of head types. The cable range includes a Tray Cable-Exposed Run TPE with FT4 flame rating and a Halogen Free PUR, all in 16 AWG with 600V rating.



### C(UL)US LISTED ASSEMBLIES

#### CABLE TYPES

- TPE (TCER, FT4) – Yellow
- PUR (Halogen Free) – Black

#### HEAD TYPES

- Female
- Male with External Thread
- Straight and 90°

#### CONDUCTOR COUNT

- 5-Pole
- 4-Pole
- 3-Pole

#### PROTECTION

- IEC IP68

### PROPERTIES

Cable Type	PUR	TC-ER-FT4
	UM_	U1_
Material	PUR	TPE
UL AWM	20234 80C 1000 V	21002 105C 600 V
Approvals	UL 2238 CSA	UL 2238 UL: TC-ER 90C (-40C) CSA: CIGTC FT4
Flame Retardant	√	√
Chemical Resistant	√	√
Oil Resistant	√	√
UV Resistant		√
Halogen Free	√	
Weld Slag Resistant		√
Flex Rating	5 million	2 million
Temp. Range (Flexing)	-20 to 80 °C (-4 to 176 °F)	-20 to 90 °C (-4 to 194 °F)
Temp. Range (Fixed)	-50 to 80 °C (-58 to 176 °F)	-50 to 105 °C (-58 to 221 °F)
Jacket Color	Black	Yellow
Connector Color Code		



Scan the QR to watch our Torque Wrench (Art. No. 7000-99105-0000000) video and see how it can assist in your next mini cable installation.

# COMPACT

Code	Type	Cable OD (mm)			Cable Description
		3p	4p	5p	
U1x	TPE	8.4	9.0	9.8	(UL) TC-ER 90 C (-40 C) SUNLIGHT RESISTANT OIL RES II 600 V OR AWM 105 C 600 V OR CSA C1C-TC 105 C (-40 C) 600 V FT4
UMx	PUR	7.4	8.0	8.7	c(UR)us AWM STYLE 20234 AWM I/II A/B 80 C 1000 V FT1, HALOGEN FREE

## SINGLE ENDED CABLE

Standard Lengths (xxxx)			
1.5 m (0150)	3 m (0300)	5 m (0500)	10 m (1000)

### MALE STRAIGHT



Poles	TPE	PUR
3	7700-A3001-U1Bxxxx	7700-A3001-UMBxxxx
4	7700-A4001-U1Cxxxx	7700-A4001-UMCxxxx
5	7700-A5001-U1Dxxxx	7700-A5001-UMDxxxx

### MALE 90°



Poles	TPE	PUR
3	7700-A3011-U1Bxxxx	7700-A3011-UMBxxxx
4	7700-A4011-U1Cxxxx	7700-A4011-UMCxxxx
5	7700-A5011-U1Dxxxx	7700-A5011-UMDxxxx

### FEMALE STRAIGHT



Poles	TPE	PUR
3	7700-A3021-U1Bxxxx	7700-A3021-UMBxxxx
4	7700-A4021-U1Cxxxx	7700-A4021-UMCxxxx
5	7700-A5021-U1Dxxxx	7700-A5021-UMDxxxx

### FEMALE 90°



Poles	TPE	PUR
3	7700-A3031-U1Bxxxx	7700-A3031-UMBxxxx
4	7700-A4031-U1Cxxxx	7700-A4031-UMCxxxx
5	7700-A5031-U1Dxxxx	7700-A5031-UMDxxxx

## DOUBLE ENDED CABLE

Standard Lengths (xxxx)			
0.3 m (0030)	0.6 m (0060)	1 m (0100)	1.5 m (0150)
2 m (0200)	3 m (0300)	5 m (0500)	10 m (1000)

### MALE STRAIGHT – FEMALE STRAIGHT



Poles	TPE	PUR
3	7700-A3A01-U1Bxxxx	7700-A3A01-UMBxxxx
4	7700-A4A01-U1Cxxxx	7700-A4A01-UMCxxxx
5	7700-A5A01-U1Dxxxx	7700-A5A01-UMDxxxx

### MALE 90° – FEMALE STRAIGHT



Poles	TPE	PUR
3	7700-A3A11-U1Bxxxx	7700-A3A11-UMBxxxx
4	7700-A4A11-U1Cxxxx	7700-A4A11-UMCxxxx
5	7700-A5A11-U1Dxxxx	7700-A5A11-UMDxxxx

### MALE STRAIGHT – FEMALE 90°



Poles	TPE	PUR
3	7700-A3A21-U1Bxxxx	7700-A3A21-UMBxxxx
4	7700-A4A21-U1Cxxxx	7700-A4A21-UMCxxxx
5	7700-A5A21-U1Dxxxx	7700-A5A21-UMDxxxx

### MALE 90° – FEMALE 90°



Poles	TPE	PUR
3	7700-A3A31-U1Bxxxx	7700-A3A31-UMBxxxx
4	7700-A4A31-U1Cxxxx	7700-A4A31-UMCxxxx
5	7700-A5A31-U1Dxxxx	7700-A5A31-UMDxxxx