

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 CIG-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