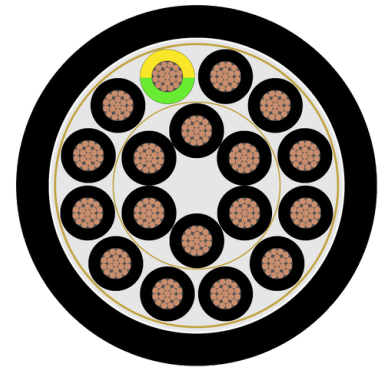




CONTROL UL



AWM Style 21179 (90°C / 1000V)



### General Construction



**Conductor:** Flexible bare copper (Class5)  
Acc. to IEC 60228, CEI 20-29 DIN VDE 0295, UL 83 standard



**Insulation:** Special PVC compound  
TFF for section AWG18 and AWG16  
THHW UL Listed cross to section AWG14



**Color Conductor:** X: numbers  
G: green/yellow + numbers



**Sheath:** Outer sheath: special PVC; acc. to UL 1277 and UL 1063  
Colour: black RAL 9005

### Technical data



**Nominal Voltage:** 300/500 V (IEC) / 600 V (UL)



**Test voltage:** 4000 V



**Temperature:** -40 °C to +90 °C (fixed) -5 °C to +90 °C (flex)



**Flame Resistance:** UL 1581 FT4 / IEEE 1202; Vertical-Tray Flame test



**Oil Resistance:** UL OIL RES. I

### Movement Data @20°C



**Bending radius:** 4 x Ø (fixed) / 15 x Ø (flex)

### Approval



Oil-resistant: UL OIL RES. I, UV-resistant: ISO 4892-2, Water-resistant: UL Wet Approval 75 °C, Conform to NFPA 79 2007 wiring norms and NEC 336.10 (7), Class 1, Div.2 acc. NEC art. 336,392,501, UL Listed acc. to UL 1277 Tray Cable-Exposed Run (TC-ER) and acc. to UL 1063 Machine Tool Wire (MTW), UL and CSA recognized acc. to UL Style 10012 and 2587 AWM I/II A/B, Acc. to UL 2277 and CSA 239-09

Name	Cable type	Awg Sec.on	Ø mm	Weight Kg/Km
FIX2X1UL	2 x 1	18	7,9	87,2
FIX3G1UL	3 x 1	18	8,3	101,3
FIX4G1UL	4 x 1	18	9,1	124,5
FIX5G1UL	5 x 1	18	9,9	149,2
FIX7G1UL	7 x 1	18	10,8	184,7
FIX8G1UL	8 x 1	18	12,7	244,1
FIX10G1UL	10 x 1	18	14,1	304,4
FIX12G1UL	12 x 1	18	14,6	334,5
FIX18G1UL	18 x 1	18	17,0	465,1
FIX25G1UL	25 x 1	18	19,4	616,1
FIX2X1,5UL	2 x 1,5	16	8,6	107,2
FIX3G1,5UL	3 x 1,5	16	9,1	127,8
FIX4G1,5UL	4 x 1,5	16	9,9	155,9
FIX5G1,5UL	5 x 1,5	16	10,8	188,1
FIX7G1,5UL	7 x 1,5	16	11,8	235,1
FIX8G1,5UL	8 x 1,5	16	14,5	330,9
FIX12G1,5UL	12 x 1,5	16	16,0	425,9
FIX18G1,5UL	18 x 1,5	16	18,7	597,9
FIX25G1,5UL	25 x 1,5	16	22,6	855,4
FIX2X2,5UL	2 x 2,5	14	9,4	139,0
FIX3G2,5UL	3 x 2,5	14	9,9	167,9
FIX4G2,5UL	4 x 2,5	14	10,8	207,3
FIX5G2,5UL	5 x 2,5	14	11,9	254,2
FIX7G2,5UL	7 x 2,5	14	13,0	321,4
FIX8G2,5UL	8 x 2,5	14	16,0	439,5
FIX12G2,5UL	12 x 2,5	14	17,7	576,7
FIX18G2,5UL	18 x 2,5	14	20,8	821,8

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Customer responsibility to verify suitability of the product for the intended purpose remains. Processing and application of the goods are outside of our control possibilities. Right to technical changes is reserved.



Name	Cable type	Awg Sec.on	Ø mm	Weight Kg/Km
FIX25G2,5UL	25 x 2,5	14	24,9	1.167,4
FIX3G4UL	3 x 4	12	11,3	234,0
FIX4G4UL	4 x 4	12	12,4	292,6
FIX5G4UL	5 x 4	12	14,4	381,9
FIX7G4UL	7 x 4	12	15,7	483,6
FIX3G6UL	3 x 6	10	12,5	309,5
FIX4G6UL	4 x 6	10	14,5	413,2
FIX5G6UL	5 x 6	10	15,9	505,0
FIX7G6UL	7 x 6	10	17,4	647,3
FIX3G10UL	3 x 10	8	17,0	547,0
FIX4G10UL	4 x 10	8	18,6	683,4
FIX5G10UL	5 x 10	8	20,6	845,1
FIX7G10UL	7 x 10	8	23,6	1.142,7
FIX3G16UL	3 x 16	6	20,7	837,9
FIX4G16UL	4 x 16	6	23,8	1.114,7
FIX5G16UL	5 x 16	6	26,3	1.374,1
FIX7G16UL	7 x 16	6	28,6	1.744,4
FIX3G25UL	3 x 25	4	24,9	1.253,4
FIX4G25UL	4 x 25	4	27,3	1.575,4
FIX5G25UL	5 x 25	4	30,3	1.953,4
FIX4G35UL	4 x 35	2	30,2	2.047,7
FIX5G35UL	5 x 35	2	33,5	2.538,7
FIX4G50UL	4 x 50	1	36,7	2.975,6
FIX5G50UL	5 x 50	1	40,8	3.697,2
FIX4G70UL	4 x 70	2/0	41,7	3.971,1
FIX5G70UL	5 x 70	2/0	47,9	5.106,1
FIX4G95UL	4 x 95	3/0	46,7	5.198,4
FIX5G95UL	5 x 95	3/0	51,9	6.459,7
FIX4G120UL	4 x 120	4/0	49,3	6.169,1

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