

OLFLEX® 490 P/ 490 CP

Flexible Control Cable with Polyurethane Jacket



OLFLEX® 490 P is a multi-conductor, flexible control cable with a rugged, abrasion-resistant polyurethane jacket. The polyurethane jacket is UV resistant and is resistant to mineral oils, cutting fluids and mechanical abuse typically found in machining and grinding operations.

OLFLEX® 490 CP has an overall foil tape with drain wire and tinned copper braid that is recommended whenever electrical interference distorts signal transmission, or when EMI emissions need to be suppressed.

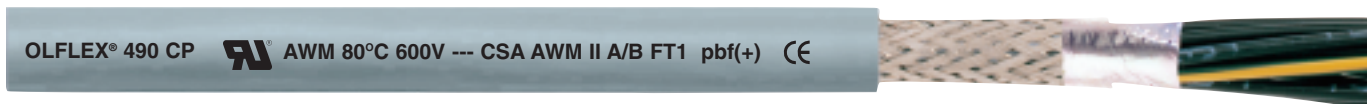
OLFLEX® 490 P Construction:

Finely stranded bare copper conductors; specially blended PVC insulation; non-wicking fillers; dry lubricant; overall tape wrap; specially formulated oil resistant gray polyurethane jacket.



OLFLEX® 490 CP Construction:

Finely stranded bare copper conductors; specially blended PVC insulation; non-wicking fillers; dry lubricant; drain wire; overall foil tape wrap; tinned copper braid (85% coverage); specially blended oil resistant gray polyurethane jacket.



Cable Attributes

	OR-05		FR-02		FL-01		MP-05
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Technical Data:

	Minimum Bend Radius for installation:	4 x cable diameter		Conductor Stranding:	Fine wire
	shielded:	6 x cable diameter		Color Code:	Black with white numbers, plus green/yellow ground
	Temperature Range:			Approvals:	UL-AWM Style 20234
	for flexible use:	-10°C to +80°C			CSA-AWM II A/B FT1
	stationary applications:	-20°C to +80°C			
	Nominal Voltage:	600V			
	Test Voltage:	3000V			

Conforms to CE Low Voltage Directive

OLFLEX® 490 P/ 490 CP

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OLFLEX® 490 P: Flexible Control Cable with Polyurethane Jacket

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches mm	Approx. Weight lbs/mft kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches mm	Approx. Weight lbs/mft kg/km
20 AWG (10/30) 0.50 mm ²				16 AWG (26/30) 1.50 mm ²			
402002	2	.245 6.2	35 52	401602	2	.291 7.4	53 79
402003	3	.256 6.5	39 58	401603	3	.306 7.8	63 94
402004	4	.274 7.0	47 70	401604	4	.329 8.4	77 115
402005	5	.293 7.4	54 80	401605	5	.355 9.0	91 135
402007	7	.313 8.0	67 100	401607	7	.382 9.7	114 170
402009	9	.355 9.0	81 121	401609	9	.438 11.1	142 211
402012	12	.401 10.2	98 146	401612	12	.496 12.6	179 266
402018	18	.459 11.7	138 205	401618	18	.574 14.6	254 378
402025	25	.534 13.6	176 262	401625	25	.665 17.1	335 499
18 AWG (19/30) 1.00 mm ²				401641	41	.829 21.1	359 534
401802	2	.269 6.8	45 67	401650	50	.903 22.9	642 955
401803	3	.281 7.1	52 77	401661	61	.958 24.3	765 1138
401804	4	.303 7.7	64 95	14 AWG (41/30) 2.50 mm ²			
401805	5	.325 8.3	75 112	401402	2	.317 8.1	66 98
401807	7	.349 8.9	92 137	401403	3	.334 8.5	76 113
401809	9	.399 10.1	115 171	401404	4	.360 9.1	101 150
401812	12	.451 11.5	143 213	401405	5	.390 9.9	120 179
401818	18	.519 13.2	203 302	401407	7	.421 10.7	155 231
401825	25	.607 15.4	265 394	401409	9	.486 12.3	194 289
401834	34	.679 17.2	365 543	401412	12	.546 13.9	237 353
401841	41	.743 18.9	419 624	401418	18	.634 16.1	356 530
401850	50	.791 20.1	488 726	401425	25	.738 18.7	473 704
401861	61	.859 21.8	600 893				

OLFLEX® 490 CP: Shielded Flexible Control Cable with Polyurethane Jacket

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches mm	Approx. Weight lbs/mft kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches mm	Approx. Weight lbs/mft kg/km
20 AWG (10/30) 0.50 mm ²				16 AWG (26/30) 1.50 mm ²			
402002CP	2	.270 6.9	46 68	401602CP	2	.316 8.0	72 107
402003CP	3	.281 7.1	56 83	401603CP	3	.330 8.4	82 122
402004CP	4	.299 7.6	65 97	401604CP	4	.354 9.0	96 143
402005CP	5	.318 8.1	73 109	401605CP	5	.380 9.7	112 167
402007CP	7	.338 8.6	85 126	401607CP	7	.407 10.3	137 204
402009CP	9	.380 9.7	103 153	401609CP	9	.469 11.9	169 251
402012CP	12	.426 10.8	116 173	401612CP	12	.527 13.4	216 321
402018CP	18	.490 12.4	164 244	401618CP	18	.605 15.4	294 438
402025CP	25	.565 14.4	214 318	401625CP	25	.705 17.9	383 570
18 AWG (19/30) 1.00 mm ²				401641CP	41	.880 22.4	643 957
401802CP	2	.294 7.5	61 91	401650CP	50	.934 23.7	750 1116
401803CP	3	.306 7.8	71 106	401661CP	61	.989 25.1	888 1321
401804CP	4	.328 8.3	82 122	14 AWG (41/30) 2.50 mm ²			
401805CP	5	.350 8.9	94 140	401402CP	2	.345 8.8	84 125
401807CP	7	.374 9.5	116 173	401403CP	3	.362 9.2	102 152
401809CP	9	.424 10.8	140 208	401404CP	4	.388 9.9	124 185
401812CP	12	.482 12.2	177 263	401405CP	5	.418 10.6	145 216
401818CP	18	.550 14.0	240 357	401407CP	7	.455 11.6	182 271
401825CP	25	.638 16.2	311 463	401409CP	9	.520 13.2	226 336
401834CP	34	.710 18.0	427 635	401412CP	12	.580 14.7	287 427
401841CP	41	.774 19.7	501 746	401418CP	18	.668 17.0	391 582
401850CP	50	.842 21.4	600 893	401425CP	25	.772 19.6	557 829
401861CP	61	.890 22.6	699 1040				