

FLATVEYOR

600-V rated cables

UL STYLE No.	2586
Rated temperature (°C)	105
Rated voltage (V)	600
Operating temperature range (°C)	-10 to 105

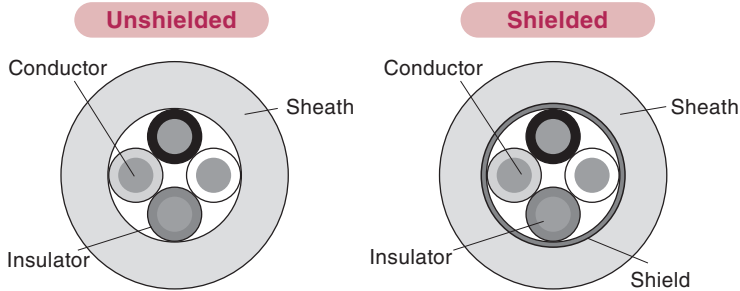
Conductor	Tinned annealed and stranded copper wire
Insulator	Special elastomer
Shield	Tinned annealed copper wire braid
Sheath	Oil resistant PVC (black)

With/without shield	Minimum bending radius
Unshielded	6-times cable outer diameter or greater
Shielded	8-times cable outer diameter or greater

Conductor			Core diameter (mm)	Cores	Unshielded					Shielded					Permissible current * A (30°C)
SQ (mm ²)	AWG size	Configuration			No.	Outer diameter (mm)	Approximate mass (kg/km)	Approximate mass (kg/m)	Minimum bending R Outer diameter x 6	No.	Outer diameter (mm)	Approximate mass (kg/km)	Approximate mass (kg/m)	Minimum bending R Outer diameter x 8	
0.5	21	100/0.08	1.52	2	P1	5.3	34	0.034	32	P35	5.7	45	0.045	46	9.2
				3	P2	5.5	41	0.041	33	P36	5.9	53	0.053	48	8.0
				4	P3	5.9	49	0.049	36	P37	6.3	61	0.061	51	7.2
				5	P4	6.3	58	0.058	38	P38	6.7	72	0.072	54	6.7
				6	P5	6.8	66	0.066	41	P39	7.2	83	0.083	58	6.2
				8	P6	8.0	90	0.090	48	P40	8.4	110	0.110	68	5.6
				10	P7	8.9	110	0.110	54						5.1
0.75	19	150/0.08	1.73	2	P8	5.7	41	0.041	35	P41	6.1	53	0.053	49	12.0
				3	P9	5.9	51	0.051	36	P42	6.3	62	0.062	51	10.5
				4	P10	6.4	63	0.063	39	P43	6.8	75	0.075	55	9.4
				6	P11	7.4	87	0.087	45	P44	7.8	105	0.105	63	8.1
				8	P12	8.8	120	0.120	53	P45	9.3	145	0.145	75	7.3
				10	P13	9.7	145	0.145	59						6.7
1.25	17	7/36/0.08	2.2	2	P14	6.6	58	0.058	40	P46	7.0	72	0.072	56	17.3
				3	P15	7.0	75	0.075	42	P47	7.4	89	0.089	60	15.1
				4	P16	7.5	92	0.092	45	P48	7.9	110	0.110	64	13.5
				6	P17	8.8	130	0.130	53	P49	9.3	155	0.155	75	11.7
				8	P18	10.5	180	0.180	63	P50	11.1	210	0.210	89	10.6
10	P19	11.6	220	0.220	70						9.7				
2	15	7/57/0.08	2.6	2	P20	7.4	79	0.079	45	P51	7.8	94	0.094	63	23.6
				3	P21	7.8	105	0.105	47	P52	8.2	120	0.120	66	20.6
				4	P22	8.5	130	0.130	51	P53	9.0	155	0.155	72	18.4
				6	P23	10.0	185	0.185	60	P54	10.5	220	0.220	84	15.9
				8	P24	12.0	250	0.250	72	P55	12.5	290	0.290	100	14.4
				10	P25	13.2	310	0.310	80						13.2
3.5	12	7/64/0.1	3.4	2	P26	9.3	125	0.125	56	P56	9.8	155	0.155	79	35.5
				3	P27	9.8	165	0.165	59	P57	10.3	195	0.195	83	30.9
				4	P28	10.7	210	0.210	65	P58	11.2	240	0.240	90	27.6
				6	P29	12.9	290	0.290	78	P59	13.4	330	0.330	108	23.9
				8	P30	15.5	430	0.430	93	P60	16.0	470	0.470	128	21.6
5.5	10	7/100/0.1	4.15	2	P31	11.2	190	0.190	68	P61	11.7	220	0.220	94	48.7
				3	P32	11.8	250	0.250	71	P62	12.3	280	0.280	99	42.4
				4	P33	12.9	290	0.290	78	P63	13.4	320	0.320	108	38.0
				6	P34	15.5	470	0.470	93	P64	16.0	510	0.510	128	32.9

*: Permissible current is for reference and not a guaranteed value.

Sample cross section



Identification of insulators

Core No.	Color
1	Black
2	White
3	Red
4	Green
5	Yellow
6	Brown
7	Blue
8	Gray
9	Orange
10	Purple