



METRIC / AWG WIRE SIZE EQUIVALENTS

CROSS SECTIONAL AREA mm ²	CROSS SECTIONAL AREA AWG REF.	METRIC STRANDING	AWG STRANDING	AWG STRANDING IN INCHES	APPROX. CONDUCTOR RESISTANCE (ohms / km)
0.032	32	1/0.2, 7/0.08	1/32, 7/40, 19/44	1/0.008"; 7/0.003"	578.00
0.050	30	1/0.25, 7/0.1	1/30, 7/38, 19/42	1/0.01"; 7/0.004"	350.00
0.081	28	1/0.315, 7/0.125	1/28, 7/36, 19/40	1/0.013"; 7/0.005	232.00
0.128	26	1/0.4, 7/0.15, 18/0.1	1/26, 7/34, 19/38	1/0.016"; 7/0.006	146.0
0.163	25	14/0.12			110.0
0.22	24	1/0.5, 7/0.2, 30/0.1	1/24, 7/32	1/0.02"; 7/0.008"; 19/0.005"	76.4
0.25	23	1/0.6, 14/0.15, 32/0.1			70.1
0.32	22	7/0.25, 19/0.15, 30/0.12	1/22, 7/30	1/0.25"; 7/0.01"; 19/0.0006"	54.8
0.41	21	13/0.2	14/36	14/0.008"	44.0
0.52	20	16/0.2, 44/0.12	1/20, 7/28, 19/32	1/0.032"; 7/0.013"; 19/0.008"	34.5
0.75	18	19/0.25, 24/0.2	1/18, 19/30, 33/32	1/0.04"; 19/0.01"; 33/0.0008"	23.0
1.32	16	19/0.3	7/24, 19/29	7/0.02"; 19/0.011"	14.7
2.08	14	28/0.3	19/27, 73/32	19/0.014"; 70/0.008"	8.8
2.50	13	50/0.25, 140/0.15	35/28	35/0.013	6.8
4.00	11	56/0.3			4.5

Metric/AWG Wire size Equivalents

PSF 1/3 TYPE CABLE DELAY

CONVERSION CHART in METRES

CABLE LENGTH (METRES)	DELAY TIME (nS)	DEGREES OF PHASE (PAL)	DEGREES OF PHASE (NTSC)
1	5	7.99	6.45
2	10	15.97	12.89
3	15	23.96	19.34
4	20	31.94	25.79
5	25	39.93	32.23
6	30	47.91	38.68
7	35	55.90	45.13
8	40	63.89	51.57
9	45	71.87	58.02
10	50	79.86	64.46
20	100	159.72	128.93
30	150	239.57	193.39
40	200	319.43	257.86
50	250	399.29	322.32
60	300	479.15	386.79
70	350	559.01	451.25
80	400	638.86	515.72
90	450	718.72	580.18
100	500	798.58	644.64

PSF 1/3 Type Cable Delay