



# XML-125™ Wire

## Electronic Hook-up Wire

Irradiated Polyolefin - 600V, 125°C

UL3271

CSA AWM, CL1251

### Application

XML-125™ wire is a flame retardant, high temperature, thermoset insulated wire. It combines excellent mechanical strength, thermal aging characteristics, and high electrical values to provide a wire ideally suited for motor lead, coil lead, transformer, control panel, and appliance wiring applications. XML-125™ wire does not contain any fibrous glass or asbestos material. This adds greatly to the processability of the wire.

### Conductor

Soft annealed tinned copper, stranded as listed below.

### Insulation

Irradiated cross-linked polyolefin meeting the requirements of specification DAA 1066. The insulated conductor meets the flame test requirements of VW-1 and FT1. Wall thicknesses are listed below.

### Approvals & Ratings

Approvals	Conductor Temperature	Voltage
UL Style 3271	125°C	600V 2500V Peak Electronic
CSA Type CL1251	125°C	600V
CSA Type AWM	125°C	600V

Product Number	UL Style	CSA Type	Conductor Size			Insulation Wall		Nominal Diameter		Approx. Weight	
			(AWG)	(mm <sup>2</sup> )	Stranding	(Inch)	(mm)	(Inch)	(mm)	(#/m')	(kg/km)
C3271-30-7	3271	AWM	30	.06	7/38	.031	.79	0.074	1.88	2.8	4.17
C3271-28-7	3271	AWM	28	.09	7/36	.031	.79	0.077	1.95	3.2	4.76
C3271-26-7	3271	AWM	26	.14	7/34	.031	.79	0.081	2.06	3.8	5.65
C3271-24-7	3271	AWM	24	.23	7/32	.031	.79	0.086	2.18	4.6	6.84
C3271-22-7	3271	AWM, CL1251	22	.35	7/30	.031	.79	0.092	2.34	5.8	8.63
C3271-20-10	3271	AWM, CL1251	20	.51	10/30	.031	.79	0.101	2.56	7.2	10.7
C3271-18-16	3271	AWM, CL1251	18	.81	16/30	.031	.79	0.109	2.77	9.3	13.8
C3271-16-26	3271	AWM, CL1251	16	1.32	26/30	.031	.79	0.122	3.10	13.6	20
C3271-14-41	3271	AWM, CL1251	14	2.08	41/30	.031	.79	0.137	3.48	19.2	28
C3271-12-65	3271	AWM, CL1251	12	3.29	65/30	.031	.79	0.156	3.96	28.0	42
C3271-10-105	3271	AWM, CL1251	10	5.32	105/30	.031	.79	0.182	4.62	43.0	64