



# Control Cable

## Municipal Signal & Control Cable (IMSA)

### Description

Solid bare copper conductors, color coded polyethylene insulated conductors twisted with non-hygroscopic fillers and Polyvinyl Chloride outer jacket.

### Approvals

IMSA-Specification 19-1

### Construction

- Conforms to IMSA Specifications 19-1.
- Black Polyvinyl Chloride per ASTM D-1047 jacket.
- Polyethylene insulation.

### Temperature Rating

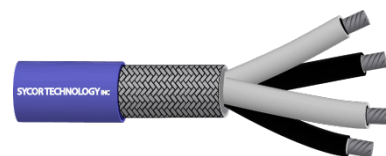
-20°C to 75°C

### Voltage Rating:

600 Volts

### Application:

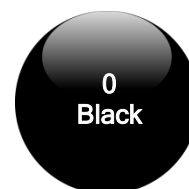
For use in signal and traffic systems in underground conduit, as aerial cable supported by a messenger, or installed in buildings.



Sycor Part No	Conductor			Nominals			Approx Weight Lbs/Mft
	# of Conductors	AWG	Stranding	Insulation Thickness	Jacket Thickness	O.D	
IMSA191021401B	14	2	Solid	0.025	0.34	0.045	77
IMSA191021407B	14	2	7	0.025	0.35	0.045	77
IMSA191031401B	14	3	Solid	0.025	0.36	0.045	90
IMSA191031407B	14	3	7	0.025	0.37	0.045	90
IMSA191041401B	14	4	Solid	0.025	0.39	0.045	109
IMSA191041407B	14	4	7	0.025	0.4	0.045	109
IMSA191051401B	14	5	Solid	0.025	0.42	0.045	129
IMSA191051407B	14	5	7	0.025	0.43	0.045	129
IMSA191061401B	14	6	Solid	0.025	0.46	0.045	156
IMSA191061407B	14	6	7	0.025	0.465	0.045	156
IMSA191071401B	14	7	Solid	0.025	0.46	0.045	168
IMSA191071407B	14	7	7	0.025	0.47	0.045	168
IMSA191081401B	14	8	Solid	0.025	0.49	0.045	189
IMSA191081407B	14	8	7	0.025	0.5	0.045	189
IMSA191091401B	14	9	Solid	0.025	0.61	0.045	212
IMSA191091407B	14	9	7	0.025	0.61	0.06	212
IMSA191101401B	14	10	Solid	0.025	0.61	0.06	250
IMSA191101407B	14	10	7	0.025	0.61	0.06	250
IMSA191111401B	14	11	Solid	0.025	0.61	0.06	268
IMSA191111407B	14	11	7	0.025	0.61	0.06	268
IMSA191121401B	14	12	Solid	0.025	0.63	0.06	284
IMSA191121407B	14	12	7	0.025	0.63	0.06	284
IMSA191141401B	14	14	Solid	0.025	0.66	0.06	323
IMSA191141407B	14	14	7	0.025	0.67	0.06	323
IMSA191151401B	14	15	Solid	0.025	0.665	0.06	340
IMSA191151407B	14	15	7	0.025	0.68	0.06	340
IMSA191191401B	14	19	Solid	0.025	0.73	0.06	424
IMSA191191407B	14	19	7	0.025	0.74	0.06	424
IMSA191201401B	14	20	Solid	0.025	0.735	0.06	435



### Colors



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	# of Conductors	AWG	Stranding	Insulation Thickness	Jacket Thickness	O.D	
IMSA191021201B	12	2	Solid	0.03	0.4	0.045	101
IMSA191021207B	12	2	7	0.03	0.41	0.045	101
IMSA191031201B	12	3	Solid	0.03	0.42	0.045	122
IMSA191031207B	12	3	7	0.03	0.43	0.045	122
IMSA191041201B	12	4	Solid	0.03	0.46	0.045	161
IMSA191041207B	12	4	7	0.03	0.47	0.045	161
IMSA191051201B	12	5	Solid	0.03	0.5	0.045	188
IMSA191051207B	12	5	7	0.03	0.51	0.045	188
IMSA191061201B	12	6	Solid	0.03	0.57	0.06	240
IMSA191061207B	12	6	7	0.03	0.58	0.06	240
IMSA191071201B	12	7	Solid	0.03	0.57	0.06	258
IMSA191071207B	12	7	7	0.03	0.59	0.06	258
IMSA191081201B	12	8	Solid	0.03	0.6	0.06	295
IMSA191081207B	12	8	7	0.03	0.61	0.06	295
IMSA191091201B	12	9	Solid	0.03	0.72	0.06	325
IMSA191091207B	12	9	7	0.03	0.73	0.06	325
IMSA191101201B	12	10	Solid	0.03	0.72	0.06	371
IMSA191101207B	12	10	7	0.03	0.73	0.06	371
IMSA191111201B	12	11	Solid	0.03	0.72	0.06	398
IMSA191111207B	12	11	7	0.03	0.73	0.06	398
IMSA191121201B	12	12	Solid	0.03	0.74	0.06	423
IMSA191121207B	12	12	7	0.03	0.75	0.06	423
IMSA191141201B	12	14	Solid	0.03	0.78	0.06	483
IMSA191141207B	12	14	7	0.03	0.79	0.06	483
IMSA191151201B	12	15	Solid	0.03	0.795	0.06	495
IMSA191151207B	12	15	7	0.03	0.805	0.06	495
IMSA191191201B	12	19	Solid	0.03	0.915	0.08	650
IMSA191191207B	12	19	7	0.03	0.925	0.08	650
IMSA191201201B	12	20	Solid	0.03	0.925	0.08	675

### Value Added Services



Cutting



Terminating



Re-Spooling

*Additional strandings and gauges available upon request.  
Other IMSA Cable Specifications available upon request.*