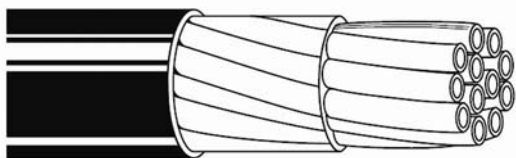


# Product Data Sheet

## IMSA 19-1 Solid Conductor



### Product Description

Polyethylene insulation  
PVC jacket  
75°C, 600 V

### Applications

For use in signal systems in underground conduit/duct, or as aerial cable supported by a messenger, or for installation in buildings.

### Specifications

- CONDUCTORS: Bare solid annealed copper, conforming to the requirements of ASTM B-3, latest edition
- INSULATION: The insulation compound before application to the conductors is heat-stabilized polyethylene and it meets all requirements of the latest IMSA Specification No. 19-1
- ASSEMBLY: The insulated conductors are laid up in compact cable form, and bound with a spiral wrap of moisture-resistant tape applied to lap at least 10 percent of its width
- OVERALL JACKET: Polyvinyl Chloride (PVC), meeting the requirements of the latest IMSA Specification No. 19-1
- STANDARDS: The cable is manufactured to meet or exceed the latest International Municipal Signal Association (IMSA) Specification No. 19-1
- TEMPERATURE: 75°C
- VOLTAGE: 600 V

# Product Data Sheet

Other conductor counts are available upon request.

Part No.	Conductor Size AWG	No. of Conductors	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
2D-1402	14	2	0.025	0.045	0.340	77
2D-1403	14	3	0.025	0.045	0.360	904
2D-1404	14	4	0.025	0.045	0.390	109
2D-1405	14	5	0.025	0.045	0.420	129
2D-1406	14	6	0.025	0.045	0.460	156
2D-1407	14	7	0.025	0.045	0.460	168
2D-1408	14	8	0.025	0.045	0.490	189
2D-1409	14	9	0.025	0.060	0.610	212
2D-1410	14	10	0.025	0.060	0.610	250
2D-1411	14	11	0.025	0.060	0.610	268
2D-1412	14	12	0.025	0.060	0.630	284
2D-1414	14	14	0.025	0.060	0.660	323
2D-1415	14	15	0.025	0.060	0.665	340
2D-1419	14	19	0.025	0.060	0.730	424
2D-1420	14	20	0.025	0.060	0.735	435
2D-1424	14	24	0.025	0.080	0.880	523
2D-1433	14	33	0.025	0.080	0.970	716
2D-1202	12	2	0.030	0.045	0.400	101
2D-1203	12	3	0.030	0.045	0.420	122
2D-1204	12	4	0.030	0.045	0.460	161
2D-1205	12	5	0.030	0.045	0.500	188
2D-1206	12	6	0.030	0.060	0.570	240
2D-1207	12	7	0.030	0.060	0.570	258
2D-1208	12	8	0.030	0.060	0.600	295
2D-1209	12	9	0.030	0.060	0.720	325
2D-1210	12	10	0.030	0.060	0.720	371
2D-1211	12	11	0.030	0.060	0.720	398
2D-1212	12	12	0.030	0.060	0.740	423
2D-1214	12	14	0.030	0.060	0.780	483
2D-1215	12	15	0.030	0.060	0.795	495
2D-1219	12	19	0.030	0.080	0.915	650
2D-1220	12	20	0.030	0.080	0.925	675
2D-1224	12	24	0.030	0.080	1.050	820
2D-1233	12	33	0.030	0.080	1.160	1,073