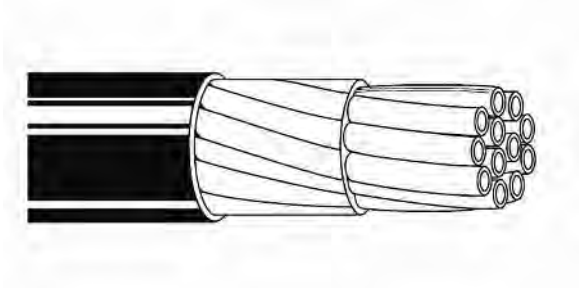
IMSA 19-1 Stranded Conductor



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 stranded 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

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied.
The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.

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.
2E-1402	14	2	0.025	0.045	0.350	77
2E-1403	14	3	0.025	0.045	0.370	90
2E-1404	14	4	0.025	0.045	0.400	109
2E-1405	14	5	0.025	0.045	0.430	129
2E-1406	14	6	0.025	0.045	0.465	156
2E-1407	14	7	0.025	0.045	0.470	168
2E-1408	14	8	0.025	0.045	0.500	189
2E-1409	14	9	0.025	0.060	0.610	212
2E-1410	14	10	0.025	0.060	0.610	250
2E-1411	14	11	0.025	0.060	0.610	268
2E-1412	14	12	0.025	0.060	0.630	284
2E-1414	14	14	0.025	0.060	0.670	323
2E-1415	14	15	0.025	0.060	0.680	340
2E-1419	14	19	0.025	0.060	0.740	424
2E-1424	14	24	0.025	0.080	0.890	523
2E-1202	12	2	0.030	0.045	0.410	101
2E-1203	12	3	0.030	0.045	0.430	122
2E-1204	12	4	0.030	0.045	0.470	161
2E-1205	12	5	0.030	0.045	0.510	188
2E-1206	12	6	0.030	0.060	0.580	240
2E-1207	12	7	0.030	0.060	0.590	258
2E-1208	12	8	0.030	0.060	0.610	295
2E-1209	12	9	0.030	0.060	0.730	325
2E-1210	12	10	0.030	0.060	0.730	371
2E-1211	12	11	0.030	0.060	0.730	398
2E-1212	12	12	0.030	0.060	0.750	423
2E-1214	12	14	0.030	0.060	0.790	483
2E-1215	12	15	0.030	0.060	0.805	495
2E-1219	12	19	0.030	0.080	0.925	650
2E-1224	12	24	0.030	0.080	1.060	820

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied.
The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.