



36-202/209

Longwall Signal Cable 2-9 Conductors • 50 Volts

Power Conductors

Extra flexible stranded per
ASTM B-174

Insulation

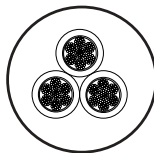
Chemically
cross-linked,
non-chlorinated
thermosetting,
flame retardant
polyolefin

Jacket

Thermoplastic
Polyurethane
(TPU)

Colors Available:

Black (standard)
Orange (optional)



Round-shaped
cross-section

Application

A flexible signal cable for use in Longwall and other underground mining applications. The TPU jacket provides extra-tough physical characteristics needed in the mining environment. Cable is available with full copper braid shielding upon request.



Photo courtesy 20 Mile Coal Mine

Ratings & Approvals

- 90°C Temperature Rating
- Tiger® Brand Mining Cables materials meet or exceed industry specifications
- Mine Safety and Health Administration
- Pennsylvania Department of Environmental Protection

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Manufactured by AmerCable Incorporated • (870) 862-4919 • (800) 643-1516 • Fax (870) 862-9613

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36-20-	Size AWG	Number of Conductors	Diameter Over Insulation (Inches)	Overall Diameter (Inches)	Weight (lbs./ft.)
2018	18	2	0.115	0.440	0.087
3018	18	3	0.115	0.460	0.100
4018	18	4	0.115	0.490	0.117
5018	18	5	0.115	0.520	0.136
6018	18	6	0.115	0.560	0.156
7018	18	7	0.115	0.560	0.163
8018	18	8	0.115	0.630	0.197
9018	18	9	0.115	0.660	0.215
2016	16	2	0.125	0.460	0.099
3016	16	3	0.125	0.480	0.114
4016	16	4	0.125	0.510	0.133
5016	16	5	0.125	0.550	0.158
6016	16	6	0.125	0.590	0.183
7016	16	7	0.125	0.590	0.190
8016	16	8	0.125	0.660	0.225
9016	16	9	0.125	0.690	0.247
2014	14	2	0.140	0.490	0.118
3014	14	3	0.140	0.510	0.138
4014	14	4	0.140	0.550	0.166
5014	14	5	0.140	0.590	0.196
6014	14	6	0.140	0.630	0.225
7014	14	7	0.140	0.630	0.238
8014	14	8	0.140	0.710	0.278
9014	14	9	0.140	0.730	0.300

Primary Usage Recommendation



Tolerances – ± 5% of nominal outside diameter

