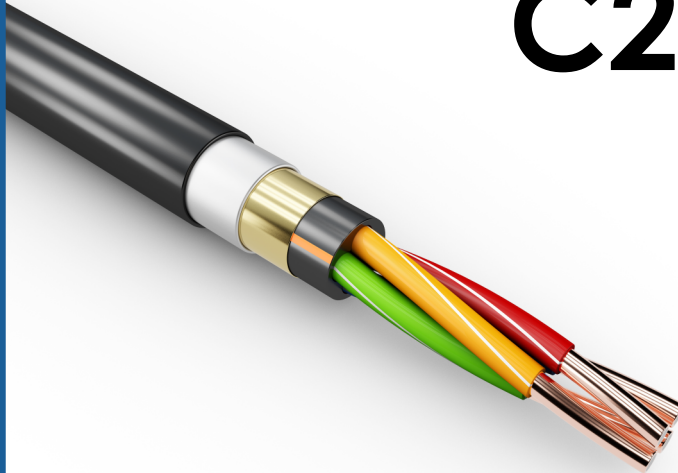




GENVOLT

Multi Conductor Cable

C2176



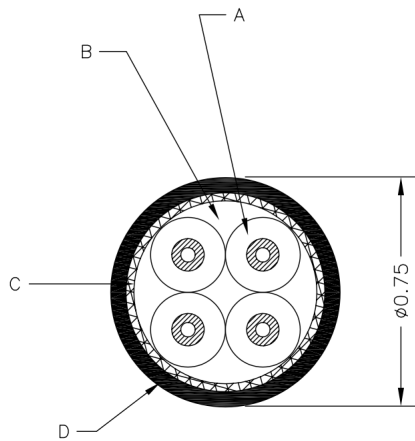
High Voltage
Multi Conductor Cable



C2176

40kV_{DC} / SILICONE DIELECTRIC / 4 CONDUCTOR SHIELDED

CONSTRUCTION



KEY

- A. 4 X #18 AWG (19/30 SPC) SEMICON SILICONE, SILICONE INSULATION TO Ø0.235 INCH W/OUTER SEMICON INK.126IN EACH
- B. FILLER MATERIAL W/ OVERALL CLEAR MYLAR TAPE
- C. 34 AWG TC BRAID SHIELD 90% COVERAGE
- D. BLACK PVC JACKET 0.05 WALL

TECHNICAL INFORMATION

| | | | | | | | |
|------------------------------|----------------------|-----------------|--|---------------------------|---------------|-------------------------|--------------|
| Voltage kV (DC) | | 40 | | Voltage kV (AC) | | 15 | |
| Number of Conductors | | 4 | | Outside Diameter | Inches | 0.750 | |
| | | | | | cm | 1.905 | |
| AWG | | #18 | | Impedance | ohms | 41 | |
| Strands | | 19/30 SPC | | | | Capacitance | pF/ft |
| Insulation | | Silicone | | Min Bend Radius | Inches | | |
| Semicon Diameter | | 0.090" / 0.23cm | | | | Min Ambient Temp | cm |
| Dielectric Insulation | Material | Silicone | | Min Ambient Temp | °F | | |
| | Diameter (in) | 0.235 | | | | °C | -51 |
| | Diameter (cm) | 0.600 | | Max Conductor Temp | °F | | 140 |
| Shield | Construction | #34 TC Braid | | | | °C | 60 |
| | AWG Equiv | #15 | | Weight | lb/ft | | 0.170 |
| | Coverage % | 90% | | | | kG/m | 0.253 |
| | Semicon | extruded | | Jacket Material | | | PVC |

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