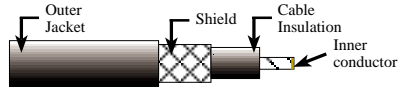




High Voltage Wire and Cable General Specifications

Coaxial Cable



P/N 167-8626 .100 Dia. Type "L" cable
Inner Conductor: 19/34 strands SPC wire. AWG 22.
Cable Insulation: FEP. Dia. .100/2.54
Shield: SPC wire. AWG 36
Jacket: FEP. Dia.: .145/3.68
Electrical: Voltage rating: 26 KVDC.
Current Rating: (AMPS)*
Capacitance: 30.0 PF per ft. nominal.
Inductance: 0.70 μ H per ft.

P/N 167-9346 .080 Dia. Type "L" cable
Inner Conductor: 19/34 strands SPC. AWG 22
Cable Insulation: FEP Dia..080/2.03
Shield: SPC wire. AWG 36
Jacket: FEP. Dia.: .125/3.18
Electrical: Voltage Rating: 21 KVDC.
Current Rating: (AMPS)*
Capacitance: 35 PF per ft. nominal.
Inductance: 85 μ H per ft.

P/N 167-9785 .150 Dia. FEP shielded cable
Inner Conductor: 19/32 strands TPC wire. AWG 20
Cable Insulation: FEP. Dia. .150/3.81
Shield: Single TPC wire. AWG 36
Jacket: FEP Dia.: .220/5.59
Electrical: Voltage Rating: 35 KVDC.
Current Rating: (AMPS)*
Capacitance: 26 PF/ft. Nominal
Inductance: 85 μ H/ft.



FEP Insulation

P/N 167-9543 .080 Dia. FEP wire
Conductor: 19/32 strands TPC wire. AWG 20.
Wire Insulation: FEP. Dia. .080/2.03
Electrical: Voltage Rating: 22 KVDC
Current Rating: (AMPS)*

P/N 167-9609 .100 Dia. FEP wire
Conductor: 19/32 strands TPC wire. AWG 20
Wire Insulation: FEP. Dia. .100/2.54
Electrical: Operating voltage: 30 KVDC.
Current Rating: (AMPS)*

P/N 167-9610 .150 Dia. FEP wire
Conductor: 19/32 strands TPC wire. AWG 20
Wire Insulation: FEP. Dia. .150/3.81
Electrical: Operating voltage: 37 KVDC.
Current Rating: (AMPS)*

Silicone Coated FEP Insulation

P/N 178-8315 .090 Dia. silicone coated FEP wire
Conductor: 19/32 strands TPC wire. AWG 20.
Wire Insulation: FEP. Dia. .080/2.03
Outer Coating: Silicone rubber. Dia. .090/2.29
Electrical: Voltage rating: 22KVDC
Current Rating: (AMPS)*

P/N 178-8781 .100 Dia. silicone coated FEP wire
Conductor: 19/32 strands TPC wire. AWG 20.
Wire Insulation: FEP. Dia. .100/2.54
Outer Coating: Silicone rubber. Dia..110/2.79
Electrical: Voltage rating: 30KVDC
Current Rating: (AMPS)*

Silicone Rubber Insulation

P/N 167-9169 .180 Dia. Silicone wire
Conductor: 19/29 strands SPC wire. AWG 16
Wire Insulation: Silicone rubber. Dia. .180/4.57
Electrical: Voltage rating: 20 KVDC
Current Rating: (AMPS)*

P/N 167-9180 .280 Dia. Silicone wire
Conductor: 19/29 strands SPC wire. AWG 16
Wire Insulation: Silicone rubber. Dia. .280/7.11
Electrical: Voltage rating: 45 KVDC
Current Rating: (AMPS)*

P/N 167-9193 .150 Dia. Silicone wire
Conductor: 19/30 strands SPC wire. AWG 18
Wire Insulation: Silicone rubber. Dia. .150/3.81
Electrical: Voltage rating: 17 KVDC
Current Rating: (AMPS)*

P/N 167-9634 .100 Dia. Silicone wire
Conductor: 19/30 strands SPC wire. AWG 20
Wire Insulation: Silicone rubber. Dia. .100/2.54
Electrical: Voltage rating: 10 KVDC
Current Rating: (AMPS)*

*For Amperage Ratings see MIL-W-5088 or consult with Reynolds Engineering Department.

Bulk cable ordering information

All cable shown on this page may be ordered in bulk by using the Part Number and specifying the length or amount of cable desired.
To view Reynolds High Voltage Wire and Cable products including FEP silicone coated wire and R.F. attenuation line (lossy line)