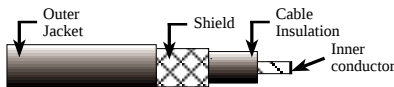




High Voltage Wire and Cable General Specifications

Coaxial Cable



P/N 167-2896 Type "L"

Inner Conductor: 19/38 strands SPC wire. AWG 26.

Cable Insulation: FEP. Dia. 0.050/1.2

Shield: SPC wire. AWG 36

Jacket: FEP. Dia.: 0.095/2.4

Electrical: Voltage rating: 18 KVDC

Impedance: 46 Ohms

Capacitance: 28.0 PF per ft. nominal

Inductance: 0.089 μ H per ft.

P/N 167-2669 Type "C"

Inner Conductor: 19 strands TPC. AWG 16

Cable Insulation: Clear polyethylene. Dia. 0.118/2.9

Shield: No. 36 AWG.

Jacket: Polyethylene. Dia.: 0.195/4.9

Electrical: Voltage rating: 20 KVDC

Impedance: 31 Ohms

Capacitance: 48.0 PF per ft. nominal

Inductance: 0.061 μ H per ft.

P/N 167-9785 .150 Dia. FEP

Inner Conductor: 19 strands SPC. AWG 20

Cable Insulation: FEP. Dia. 0.150/3.8

Shield: Single TPC braid. Coverage 90%. Dia.: 0.180/4.5 nominal

Jacket: FEP. Black. Dia.: 0.220/5.5 nominal

Electrical: Operating voltage: 40 KVDC

Impedance: 46 ohms

RG 213/U

Inner Conductor: 7 strands bare copper wire. AWG 12

Cable Insulation: Polyethylene. Dia. 0.285/7.2

Shield: Single-braid bare copper.

Jacket: PVC. Black. Dia.: 0.405/10.2

Electrical: Voltage rating: 25 KVDC

Impedance: 50 Ohms

Capacitance: 30.8 PF per ft. nominal



FEP insulation

P/N 178-7435 FEP .080/2.0 Dia.

Conductor: 19/34 strands SPC wire. AWG 22

Cable Insulation: FEP. Color: White

Electrical: Operating voltage: 22 KVDC

P/N 167-7628 FEP .100/2.5 Dia.

Conductor: 19/32 strands SPC. AWG 20

Cable Insulation: FEP. Color: White

Electrical: Operating voltage: 30 KVDC

P/N 167-9610 FEP .150/3.8 Dia.

Conductor: 19/32 strands TPC. AWG 20

Cable Insulation: FEP Color: White

Electrical: Operating voltage: 40 KVDC

P/N 167-9611 FEP .180/4.5 Dia.

Conductor: 19/29 strands SPC. AWG 16

Cable Insulation: FEP. Color: White

Electrical: Operating voltage: 40 KVDC. Test: 50 KVDC

Silicone Coated FEP Insulation

P/N 178-8315 FEP .090/2.2 Dia. with silicone coating

Conductor: 19/32 strands SPC wire. AWG 20

Cable Insulation: FEP. Color: Natural

Electrical: Operating voltage: 22 KVDC

P/N 178-8781 FEP .110/2.8 Dia. with silicone coating

Conductor: 19/32 strands SPC wire. AWG 20

Cable Insulation: FEP. Color: Natural

Electrical: Operating voltage: 30 KVDC

Silicone Rubber Insulation Color: White. Other colors are optional

P/N 167-9634 Silicone rubber .100/2.5 Dia.

Conductor: 19/32 strands SPC. AWG 20

Cable Insulation: Silicone rubber

Electrical: Operating voltage: 10 KVDC

P/N 167-9193 Silicone rubber .150/3.8 Dia.

Conductor: 19/30 strands SPC. AWG 18

Cable Insulation: Silicone rubber

Electrical: Operating voltage: 17 KVDC

P/N R790-2518 Silicone rubber .160/4.0 Dia.

Conductor: 19/30 strands SPC. AWG 18

Cable Insulation: Silicone rubber

Electrical: Operating voltage: 17 KVDC

P/N 178-9578 Silicone rubber .165/4.1 Dia.

Conductor: 19/30 strands SPC. AWG 18

Cable Insulation: Silicone rubber

Electrical: Operating voltage: 17 KVDC

P/N 167-9169 Silicone rubber .180/4.5 Dia.

Conductor: 19/29 strands SPC. AWG 16

Cable Insulation: Silicone rubber

Electrical: Operating voltage: 20 KVDC

P/N R790-3516 Silicone rubber .265/6.7 Dia.

Conductor: 41/32 strands SPC. AWG 16

Cable Insulation: Silicone rubber

Electrical: Operating voltage: 35 KVDC

P/N 167-9180 Silicone rubber .280/7.1 Dia.

Conductor: 19/29 strands SPC. AWG 16

Cable Insulation: Silicone rubber

Electrical: Operating voltage: 45 KVDC

P/N R790-4516 Silicone rubber .300/7.6 Dia.

Conductor: 19/29 strands SPC. AWG 16

Cable Insulation: Silicone rubber

Electrical: Operating voltage: 45 KVDC

P/N R790-6014 Silicone rubber .385/9.8 Dia.

Conductor: 19/27 strands SPC. AWG 14

Cable Insulation: Silicone rubber

Electrical: Operating voltage: 60 KVDC

Bulk cable ordering information

All cable shown on this p. may be ordered in bulk by using the Part Number and specifying the length or amount of cable desired. Reynolds' contracts department will be pleased to provide pricing information upon request.

For a complete catalog of Reynolds high voltage wire and cable products including FEP silicone coated wire and R.F. attenuation line (lossy line), contact the factory or your Reynolds representative.