

PWS 9046 Low Loss Cable Specifications

Center Conductor

Awg	10
Stranding	19 strand
Conductor Material	Bare Copper

Dielectric

Mono-filament	.055" polyethylene
Dielectric Material	Low Density Polyethylene
Nominal Diameter	.285"

Shield

Tape Material	Bonded aluminum/ polyester/aluminum tape
Braid Awg	34
Braid Material	Tinned Copper
Braid Coverage	95%
Nominal Diameter	.317"

Outer Jacket

Final Jacket Material	Type II Black Polyvinylchloride
Nominal Thickness	.044"
Nominal Diameter	.405"

Applicable Standards and General Properties

UL Type	N/A
ROHS Compliant	Yes
Impedance	50 Ohms
Capacitance	24.6 pF/foot
Velocity of Prop	84%

Frequency (MHz)	Nominal Loss (db/100ft)
1	.3
10	.5
50	1.1
400	3.1
700	4.1
900	4.6
1000	4.8
