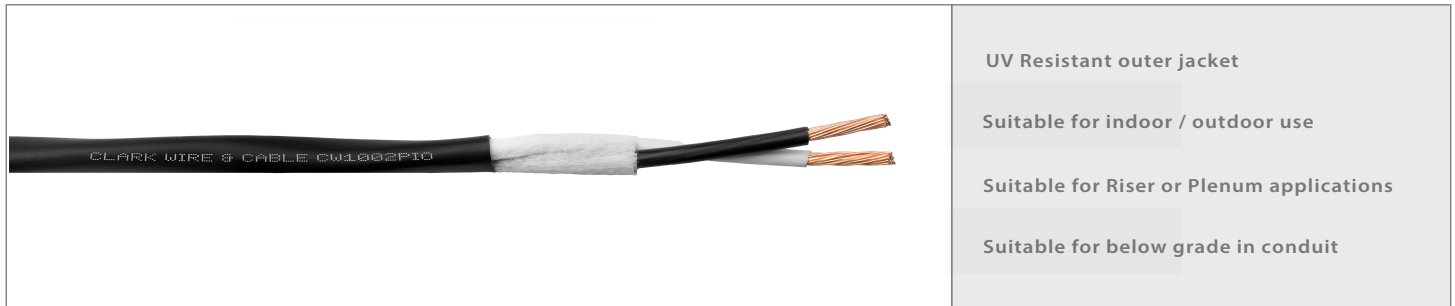


CW-PIO Series

Plenum Indoor / Outdoor Permanent Installation Speaker Cables



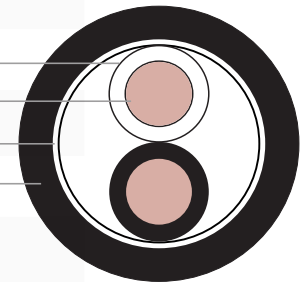
- UV Resistant outer jacket
- Suitable for indoor / outdoor use
- Suitable for Riser or Plenum applications
- Suitable for below grade in conduit

Part Number: **CW-PIO Series** (see below for variations)
Description: Plenum Indoor / Outdoor Permanent Installation Speaker Cables

Materials & Dimensions

Conductor	Stranded Bare Copper (see below for AWG types)
Insulation	FR PVC
Jacket	Low Pressure, Easy Strip PVC
Color	Black

FR PVC Insulation
Stranded Bare Copper
Water Blocking Tape
Plenum Indoor/Outdoor Rated Jacket



Performance Characteristics

Rating & Compliance	Temperature Range
CL3P, CMP, FT-6, RoHS Compliant, REACH Compliant	-25°C to 75°C

Product Variations

Part Number	Conductor Type	Conductor	DC Resistance	Capacitance	Overall Diameter	Bend Radius	Weight
CW1002PIO	10AWG	2 (black, white)	1.1 Ω/Mft	40 pF/ft	0.326"	2.8"	84 Lbs. /1000ft.
CW1004PIO	10AWG	4 (black, white)	1.1 Ω/Mft	40 pF/ft	0.461"	3.0"	180 Lbs. /1000ft.
CW1202PIO	12AWG	2 (black, white)	1.63 Ω/Mft	38 pF/ft	0.280"	2.5"	54 Lbs. /1000ft.
CW1204PIO	12AWG	4 (black, white)	1.63 Ω/Mft	38 pF/ft	0.365"	2.5"	110 Lbs. /1000ft.
CW1402PIO	14AWG	2 (black, white)	2.62 Ω/Mft	35 pF/ft	0.230"	1.8"	38 Lbs. /1000ft.
CW1602PIO	16AWG	2 (black, white)	4.18 Ω/Mft	34 pF/ft	0.200"	1.6"	20 Lbs. /1000ft.

Mechanical Specs

Unaged Tensile Strength (MPa)	Aging Elongation (%)	Aging Condition (°CxHrs)	After Tensile Strength (MPa)	Aging Elongation (%)	Cold Bend
≥2000 PSI	≥100	100x168	≥85% of Unaged	≥50% of Unaged	(-20±2° Cx4Hrs) No Crack

The CW-PIO series is an easy-to-install, commercial grade speaker cable for indoor / outdoor applications and permanent installations. Built with large copper conductors, the CW-PIO series minimizes power loss and attenuation through the cable. The outer jacket is extruded from a UV rated flexible plenum PVC that is easy-to-strip and has a low friction finish that is easy to pull through conduit. Water blocking tape allows for underground installations in conduit and the flame rating CL3P of the CW-PIO makes this series a great option for a variety of environments.