

4 ELEMENT 4 SHIELD ACCESS CONTROL PLENUM

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GENERAL INFO

The sound and security industry in the United States has grown from a simple and unsophisticated business, begun some 45 years ago, to one which has developed technology to the degree that specialized wires and cables are now much in demand. No longer are the security and sound industries characterized by large electromechanical relays and large contactors; today these circuits incorporate the latest in microprocessors and solid state devices to not only improve functionality but also to guarantee performance. As a major wire producer, our role is to ensure that the wires and cables that go into these systems are as reliable as the other components ... the net result is a fully integrated system which will provide peace of mind to the system user. Also in this section are General Cable's Carol® Brand wire and cable designs suitable for a variety of applications, both in industrial and commercial environments, including telephone systems, intercoms, burglar alarms, business machines and thermostats. Aside from the quality materials used in these designs, specifiers and users of Carol Brand wire and cable products have come to expect that these cables are registered and certified with the leading regulatory agencies such as Underwriters Laboratories ... and we haven't let you down! Carol Brand designs have proven themselves in the area of sound and security over time; most are fabricated with solid or stranded, bare copper conductors with insulations and jackets of premium grades of PVC. We offer both parallel and cabled designs both with and without shields. Sequential footage markings on the jackets are offered on all products. General Cable Carol Brand products are conveniently packaged in 1000' or 500' lengths to assist the installer.

PRODUCT RANGE GENERAL INFORMATION

Conductor material	Copper
Nominal voltage U [V]	300

ELECTRICAL PROPERTIES

Nominal operation capacitance [pF/ft]
Screen DC resistance [mOhm/ft]
Conductor resistance at 20° C [mOhm/ft]

STANDARDS AND APPROVALS



ITEM DETAILS

AWG size	Other
Conductor category	Class 2 = stranded
Nominal outer diameter [inch]	

PRODUCT PACKAGING

APPLICATION PROPERTIES

Product name	4 ELEMENT 4 SHIELD ACCESS CONTROL PLENUM
Conductor resistance at operation temperature [mOhm/ft]	
Nominal thickness insulation [inch]	0.008
Nominal outer diameter [inch]	
Nominal operation capacitance [pF/ft]	
Screen DC resistance [mOhm/ft]	
Nominal thickness insulation [mm]	0.21
Nominal outer diameter [mm]	