



SIC - Systems Integration Solutions

The **Systems Integration Cables** developed by Eastern Wire + Conduit are a natural evolution of providing interlocked armor to cables critical in the operation and security of commercial office buildings, industrial plants, schools, hospitals, manufacturing locations and government facilities. CCTV, Fire Alarm, Voice and Data, Card Access, Security and HVAC systems can benefit from Eastern's proven **CPID** and **Integrated Cable Solutions**. Eastern Wire + Conduit interlocked armored cables have been used for over 30 years in North America.

The **SIC** cables have numerous features that make them advantageous; **SIC** cables are listed as either NEC ART 725, 760, 770. The cables are recognized as a cable assembly. This means "no conduit fill ratio to adhere to". This allows more cables in a given area than with a conventional conduit system. Less space used in crowded pathways. Less time to install.

When transiting through a rated fire wall, **SIC** cables have a reduced hole size in relation to a conduit. This is better for the fire wall integrity and less expensive to re-seal. Provides excellent physical protection to the building low voltage cables, while giving the same ease of installation as cables run in an open plenum.

An excellent installation method for moves, adds or changes in existing buildings. **SIC** cables have the more popular configurations under one armor so it takes only one setup and pull. Copper cables, copper and coax, copper and fiber are readily available from your local wholesale distributor.

EASTERN



SIC: Cable Type

COPPER CABLES	
SIC182NS	# 18/2 conductor non-shielded CMP
SIC182S	# 18/2 conductor shielded CMP
SIC224NS	# 22/4 conductor non shielded CMP
SIC225S	# 22/5 conductor shielded CMP
SIC2424CAT5e	2-24/4pr CAT 5e CMP
OPTICAL FIBER	
SIC4FFA	4 fiber 62.5/125 OFCP
SIC6FFA	6 fiber 62.5/125 OFCP
HYBRID CABLES	
SIC59182NS	1-RG59 & 1-18/2 conductor non shielded CMP
SIC59182NSR	1-RG59 & 1-18/2 conductor non shielded CMR
SIC59182S	1-RG59 & 1-18/2 conductor shielded CMP
SIC59182SR	1-RG59 & 1-18/2 conductor shielded CMR
COAXIAL CABLE	
SIC59P	RG 59 CMP
SIC59R	RG 59 CMR
Fire Alarm Cables	
SICFA121NS	# 12 /1 pair twisted non shielded FPLP
SICFA121S	# 12/1 pair twisted shielded FPLP
SICFA141NS	# 14/1 pair twisted non shielded FPLP
SICFA141S	# 14/1 pair twisted shielded FPLP
SICFA161NS	# 16/1 pair twisted non shielded FPLP
SICFA161S	# 16/1 pair twisted shielded FPLP
SICFA181NS	# 18/1 pair twisted non shielded FPLP
SICFA181S	# 18/1 pair twisted shielded FPLP

1.) The Interlocked Armor Communication Cables meet or exceed the requirement of the UL/CSA standards. They are tested and certified to CSA C22.2-214/UL444, National Electrical Code (NEC) type CMR or CMP by CSA International.

2.) The Interlocked Armor Fire Alarm Cables meet or exceed the requirement of the UL standard. They are tested and certified to UL 1424, National Electrical Code (NEC) type FPLP by CSA International.

3.) The Interlocked Armor Fiber Optical Cables meet or exceed the requirements of the UL/CSA standards. They are tested and certified to CSA C22.2-232/UL 1651, National Electrical Code (NEC) type OFCR or OFCP by CSA International.