

DSC STRUCTURED CABLING



Today's new homes and home renovation projects require the integration of audio, video, security, and other low-voltage systems.

DSC structured cabling is the backbone of the integrated home that makes it both possible and affordable.



DSC[®]



Compatibility

DSC products are designed to work with existing or future products.

Durability

DSC products are designed to work, last and withstand extreme situations.

Upgradeable

DSC products allow you expand and enhance systems with no replacement necessary.

Reliability

DSC products go beyond industry-required testing to ensure reliability and product life.

Flexibility

DSC products allow you to build a system that works for you with over 1000 configurable items.

Quality

DSC is committed to Six Sigma's utilization of consistent and predictable processes to improve what the customer sees and feels.

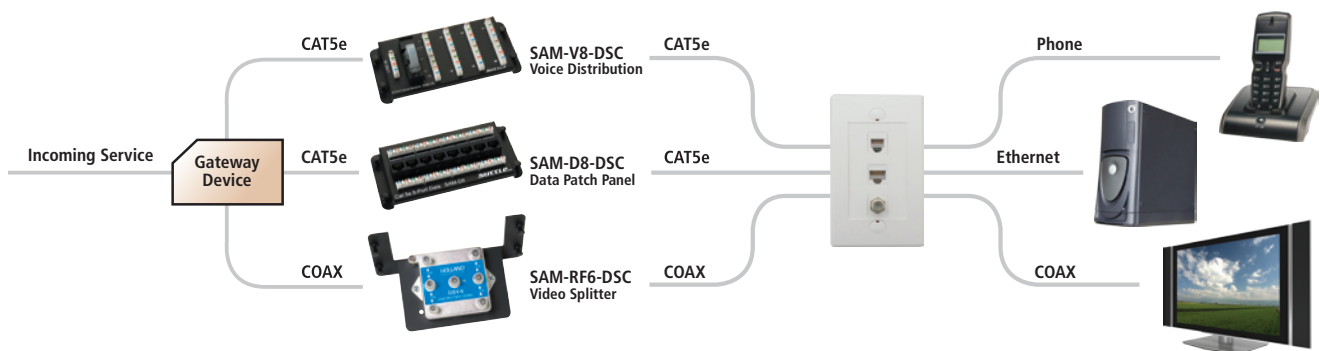
Take advantage of the tremendous growth opportunity in the structured cabling market

DSC structured cabling, in partnership with Suttle, allows homeowners to seamlessly integrate technology into their home, enhancing and simplifying their lives.

A standards-based system of cabling, DSC structured cabling distributes communication services like voice, data and video from a central location over a network of built-in cables throughout a home or office.

Entertainment and lifestyle products popular today, and those to be introduced in the future, can now be easily integrated to provide lifestyle enhancements and create long-term value for a home.

DSC is committed to assisting our security distributors and dealers in taking advantage of the tremendous growth opportunity available in the structured cabling market. DSC believes that the intrusion alarm system is the logical place to begin a home or small business structured cabling solution. That's why we're offering a complete suite of structured cabling products and accessories that ensure you have everything you need to offer a complete low-voltage system.



Enclosures

DSC enclosures provide a fast, flexible and clean distribution management solution for voice, data and video connections.

Available in 14", 21", 28", and 42" heights, these rugged 16 gauge enclosures are designed to be either flush mounted between sixteen-inch centered studs or surface mounted via recessed mounting holes.

The enclosures also offer numerous 2.5" cable entry knockouts, a vertical and horizontal mounting-hole pattern, and multiple cable tie attachment points for cleaner cable management.

Model	Dimensions	Description
SAE-14-DSC	14" (H) x 14.25" (W) x 3.75" (D)	14" enclosure ^{1,2,3}
SAE-21-DSC	21" (H) x 14.25" (W) x 3.75" (D)	21" enclosure ^{1,2,3}
SAE-28-DSC	28" (H) x 14.25" (W) x 3.75" (D)	28" enclosure ^{1,2,3}
SAE-42-DSC	42" (H) x 14.25" (W) x 3.75" (D)	42" enclosure ^{1,2,3}
SADC-14 DSCL	14" (H) x 14.25" (W)	14" door ^{2,3}
SADC-21 DSCL	21" (H) x 14.25" (W)	21" door ^{2,3}
SADC-28 DSCL	28" (H) x 14.25" (W)	28" door ^{2,3}
SADC-42 DSCL	42" (H) x 14.25" (W)	42" door ^{2,3}



SAE-28-DSC

Note: cULus Listed 1863 Communications-Circuit Accessories
²Note UL Listed 985 Household Fire Warning System Units

¹Note Door cover not included with SAE cabinets
³Note UL 1023 Household Burglar-Alarm System Units

The versatile 42" split enclosure comes with a cabinet separator, splitting the large opening into 2 unique organized compartments; 14 and 28"

Model	Dimensions	Description
SAE-42EPM-DSC	42" (H) x 14.25" (W) x 3.75" (D)	42" split enclosure ^{4,5,6}
SADDC-1428-DSCL	42" (H) x 14.25" (W)	42" split enclosure doors ^{4,5}



SADDC-1428 DSCL

Note: cULus Listed 1863 Communications-Circuit Accessories
³Note UL 1023 Household Burglar-Alarm System Units

⁴Note UL Listed 985 Household Fire Warning System Units
⁶Note SADDC-1428-DSCL split door cover not included with SAE-42EPM-DSC

Accessories

Model	Dimension	Description
SAM-AM-DSC	4.45" x 6.45"	Accessory mounting plate for use with PC580, PC1555, PC5100, PC5204, PC5208, PC5400, PC5401, PC5700, PC5720, PC4108, PC4216, PC4400, PC4401, Escort 4580/5580TC and PS3085
SAM-CB-DSC	7.75" x 6.45"	Black mounting plate for new PowerSeries control panels PC1616, PC1832, PC1864. Can also be used for PC5950, PC4204, PC4216, PC4702 and PC4936
SAM-MS-DSC	10.6" x 6.45"	Black mounting plate for MAXSYS control panels
SAM-B-DSC	3" x 6.5"	Black mounting bracket for 4Ah battery
SAM-B3-DSC	5.5" x 6.5"	Black mounting bracket for 7Ah battery
SAE-LOCK-DSC	N/A	Cabinet door lockset for SADC doors



SAM-AM-DSC

Control Panels with mounting plates

Packed with features, PowerSeries control panels and keypads are easy to install, easy to program and easy to use. They have a proven reputation for providing the value and dependability that security professionals expect. The modular design provides both versatility and flexibility in any application, from small residential to medium-sized commercial.

Model	Description
PC1616SHS	PowerSeries 6-16 zone hybrid control panel
PC1616SHSCP01	PowerSeries 6-16 zone hybrid control panel CP-01 compliant
PC1832SHS	PowerSeries 8-32 zone control hybrid panel
PC1832SHSCP01	PowerSeries 8-32 zone hybrid control panel CP-01 compliant
PC1864SHS	PowerSeries 8-64 zone hybrid control panel
PC1864SHSCP01	PowerSeries 8-64 zone hybrid control panel

Note: All PowerSeries SHS control panels come with a black SAM-CB-DSC structured wiring mounting plate (Dimensions: 7.75" x 6.45")



PC1864SHSCP01

Voice/Telecom Distribution

The home of today is no longer just equipped with the simple telephone, but rather a telecommunication system. Many people have home offices and multiple lines for business and personal use, digital service, DSL, call-routing, and more — the applications are endless. Fortunately, DSC structured cabling products can keep it all straight — without rewiring! What's more, these products are designed to grow with you allowing you to meet new telecommunication needs as they arise.

Telecom Modules

Model	Description
SAM-V10-DSC	4 lines to an additional 10 outputs, RJ-31X security interface and expansion through 2 - RJ-45 patch cords (included)
SAM-VX10-DSC	4 lines to an additional 10 outputs, expansion through 2 - RJ-45 patch cords (included)
SAM-V8-DSC	4 lines to an additional 8 outputs, expansion through 2 - RJ-45 patch cords (included)

Note: 4 telecom line expansion modules with 110 IDC connections with mounting plate (Dimensions 3" (H) x 6.5" (W) x 1" (D))
 Note: cULus Listed 1863 Communications-Circuit Accessories



SAM-VX10-DSC

Telecom and Video Combo Expansion Modules

Model	Description
SAM-VV4-DSC	4 lines to 10 output and 1 x 4 RF splitter combo module
SAM-VV6-DSC	4 lines to 10 output and 1 x 6 RF splitter combo module
SAM-VV8-DSC	4 lines to 10 output and 1 x 8 RF splitter combo module

Note: 10-port 110 IDC telecom expansion modules combined with 4 – 8 RF Splitter combo modules with mounting plate (Dimensions 4.15" (H) x 6.5" (W) x 2.95" (D))
 Note: cULus Listed 1863 Communications-Circuit Accessories



SAM-VV8-DSC

Video Distribution

You can never have too many televisions. In fact, with DSC structured cabling products you can have one in every room – or several televisions in a single room – each broadcasting the entertainment of your choice from different sources, such as satellites, cable TV, computers or video game consoles.

Video Switcher

Model	Dimension	Description
SAM-MS34-DSC	1.5" (H) x 6.5" (W) x 1" (D)	DirectTV approved satellite 3 x 4 multi switch

Note: DirectTV approved satellite switch

Bi-Directional RF Amplifier using F-connectors

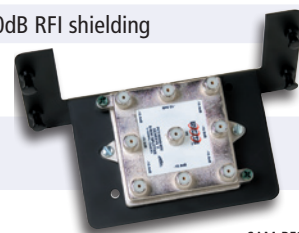
Model	Specifications
SAM-RFA11-DSC	5-42/54-1000MHz frequency range, 6kV, B3 surge withstand, 15dB forward gain, 0dB reverse gain, 15v, 200mA power req.
SAM-RFBA18-DSC	5-42/54-1000MHz frequency range, 6kV, B3 surge withstand, 4.5dB forward gain, 0dB reverse gain, 12v, 300mA power req.
SAM-RFBA38-DSC	5-42/54-1000MHz frequency range, 6kV, B3 surge withstand, 4.5dB forward gain, 0dB reverse gain, 12v, 300mA power req.

Note: 120dB RFI shielding and includes DC power adapter . Dimensions 3" (H) x 6.5" (W) x 2" (D); Meets ANSI/SCTE 02 1997

1GHz RF Splitter using F-connectors (5-1000MHz)

Model	Specifications
SAM-RF3-DSC	1 x 3 RF Splitter; 22 – 29dB return loss, 7 - 8dB insertion loss, 27 - 36dB isolation 120dB RFI shielding
SAM-RF4-DSC	1 x 4 RF Splitter; 22 - 29dB return loss, 7 - 8dB insertion loss, 27 - 36dB isolation 120dB RFI shielding
SAM-RF6-DSC	1 x 6 RF Splitter; 17 – 21dB return loss, 9 – 11.5dB insertion loss, 21 - 24dB isolation 130dB RFI shielding
SAM-RF8-DSC	1 x 8 RF Splitter; 21 – 30dB return loss, 10 – 11.5dB insertion loss, 21 - 40dB isolation 120dB RFI shielding

Note: 120-130dB RFI shielding . Dimensions 2.75" (H) x 6.5" (W) x 2.8" (D); Meets ANSI/SCTE 02 1997

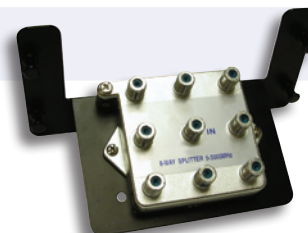


SAM-RF8-DSC

3GHz RF Splitter using F-connectors (5-2400MHz)

Model	Specifications
SAM-RFH2-DSC	1 x 2 RF Splitter; Specs: 5-2400MHz, 7.2dB insertion loss, 22dB isolation, 12dB return loss in, 13dB return loss out
SAM-RFH3-DSC	1 x 3 RF Splitter; Specs: 5-2400MHz, 11.2dB insertion loss, 22dB isolation, 12dB return loss in, 11dB return loss out
SAM-RFH4-DSC	1 x 4 RF Splitter; Specs: 5-2400MHz, 12.5dB insertion loss, 20dB isolation, 12dB return loss in, 12dB return loss out
SAM-RFH6-DSC	1 x 6 RF Splitter; Specs: 5-2400MHz, 14.5dB insertion loss, 22dB isolation, 13dB return loss in, 13dB return loss out
SAM-RFH8-DSC	1 x 8 RF Splitter; Specs: 5-2400MHz, 15.2dB insertion loss, 20dB isolation, 13dB return loss in, 12dB return loss out

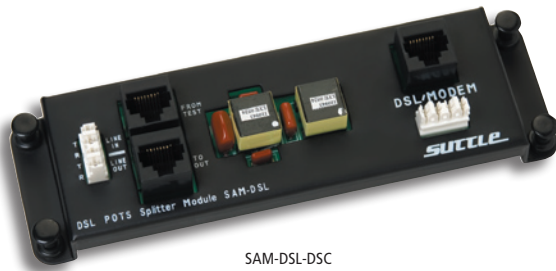
Note: 130dB RFI shielding. Dimensions 2.75" (H) x 6.5" (W) x 2.8" (D); Meets ANSI/SCTE 02 2006



SAM-RFH2-DSC

Data Distribution

DSC structured cabling products allow you to experience the Internet on any network-enabled device from any room in your house, or all of them. If you receive broadband service from a DSL, cable modem or even the new fiber-to-the-home networks, we can hook you up. Plus, we allow your computers to talk with each other and share not just the printer and fax machine, but files, pictures, games, music, movies and more.



SAM-DSL-DSC



SAM-SW8U-DSC

8-Port Voice/Data Patch Module SAM-D8-DSC

- Dimensions: 3" (H) x 6.5" (W) x 1" (D)
- Description: 8-port CAT5e data/voice networking module, RJ45 to 110 IDC blocks, 568A wiring
- Note: cULus Listed 1863 Communications-Circuit Accessories

DSL Filter Module SAM-DSL-DSC

- Dimensions: 1.5" (H) x 6.5" (W) x 1" (D)
- Description: Centrally based DSL filter module; eliminates the need for filtering at jack locations
- Note: cULus Listed 1863 Communications-Circuit Accessories

4-Port 10/100 Router with Firewall SAM-RTR4-DSC

- Dimensions: 3.75" (H) x 6.5" (W) x 1.75" (D)
- Description: 4-port 10/100 router, firewall capable, includes five 12" patch cords and external DC power adapter
- Note: cULus Listed 1863 Communications-Circuit Accessories

8-Port 10/100 Switch with Integrated Power Adapter SAM-SW8U-DSC

- Dimensions: 5.5" (H) x 6.5" (W) x 1.5" (D)
- Description: 8-port 10/100 switch with internally contained power adapter
- Note: cULus Listed 1863 Communications-Circuit Accessories

DSC®

For more information on the products featured here or on any other
DSC products please call:

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or contact your DSC Account Representative.

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