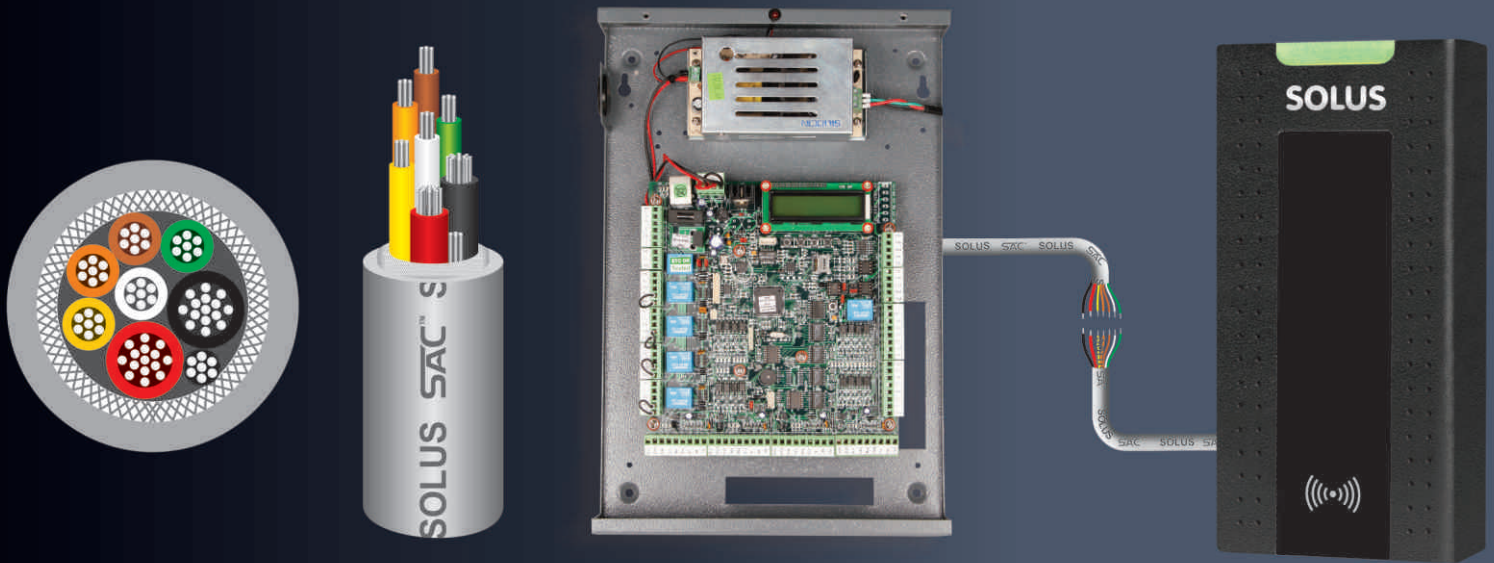




Solus Access Control System Cables



Right Cabling decides performance of any Electronic Access Control System in a large enterprise or even in a small outfit installation. Unfortunately cable selection does not get attention as the product selection, That results in either under rated low quality or over rated expensive system cabling either hampering product performance or an undue dent on project budget.

Solus answers this challenge with Solus Access Cables SAC™ low voltage specialty electronic cables. Specially designed for Access Control purpose SAC are made with Class A Copper (Tinned) with two special cores (0.75 Sq mm – double than other cores) for smooth voltage power flow even at the farthest point of the cable.

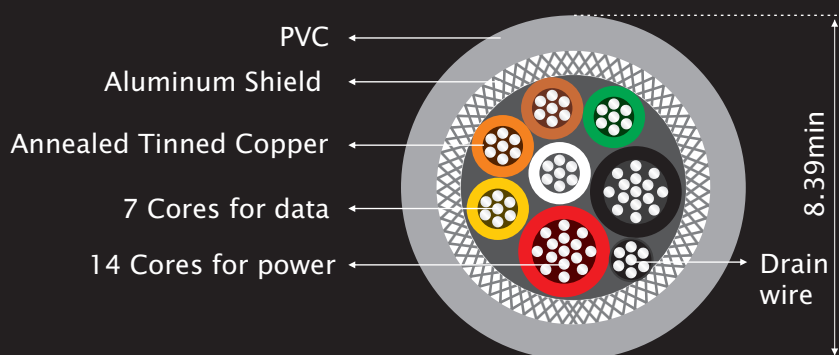
These most innovative and advanced cables not only work better, but are easier to install at field with industry standard conductor colour coding & recommended max length packaging of (150) meters. An optimum usage of recommended conductor & insulation size brings best product performance well within project budgets.

SAC™ are suitable for a wide range of security and access control applications, including security control panels to Smart card or Biometric readers, Locks, Request to Exit Buttons, Door phones and other low voltage power & data communication applications.



An ISO 9001 - 2000 Company

Ordering Information



Part Number	Product Description
SAC - 150	Solus Access Control Cable 7C Shielded - 150 mtrs
SAC - 75	Solus Access Control Cable 7C Shielded - 75 mtrs

Technical Specifications

Applicable Standard	BS-5308 (PT-2)
Voltage Grade	300/500 V
Size	7 Cores (5 CORE x 0.35 sq.mm & 2 CORES x 0.70 sq.mm)
Type	YY
Description	7 Core, Annealed Tinned Copper bunched conductor, PVC insulated, Cores laid up, collectively screened with Alum. Mylar tape & ATC drain wire & PVC outer Sheathed GREY cable.

Physical

a. Conductor

i) Material	Annealed Tinned Copper
ii) Type of conductor	Class-2/Flexible
iii) Wire diameter (Approx)	0.25mm
iv) No. of wires	7 & 14
v) Conductor Diameter (Approx)	0.75 & 1.25 mm

b. Insulation

i) Material	PVC-TYPE-A
ii) Thickness of insulation (Nom) :	0.40 mm
iii) Core Diameter	1.55 & 2.05 mm
iv) Core colors	Green, White, Orange, Yellow & Brown (1.55mm) Red & Black (2.05 mm)

c. laying-up

i) Direction	Right Hand Lay
ii) Laid-up Diameter (Approx)	5.74 mm

d. Shielding

i) Material	ALU. MYLAR TAPE SHIELDING
ii) Thickness (Nom)	0.05mm
iii) Overlap	25%
iv) Drain wire	
a) Material	Annealed tinned copper
b) No of wires	7
c) Wire Dia	0.25
v) Dia over collective shielding :	6.69

e. Outer Sheath

i) Material	PVC
ii) Thickness of outer sheath (Min.)	0.80
iii) Approx overall Diameter (Nom)	8.39
iv) Color	Grey
v) Packaging	75 / 150 Meters

Solus Security Systems Pvt. Ltd.



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