DESCRIPTION
Scully plugs are made of heavy duty molded polyurethane with stainless steel contacts. The fuel resistant cables are available in 30' coiled or 20' straight styles. Scully plugs and cables are the product of years of industry experience and offer durable, efficient operation. They are designed for use only with the intrinsically safe output circuits of Scully’s ST-35, ST-15 and Intellitrol®.

Scully Plugs and Cables are used to connect the Scully loading rack control monitor to the vehicle mounted socket. The plugs and cables are the pathway for the control unit/sensor signals which monitor the status of overfill prevention, electro-static grounding and vehicle identification during loading operations.

FEATURES AND BENEFITS
- Extremely rugged design which can withstand harsh environments and mishandling.
- Non-removable socket locator pins fitted directly into the plug housing.
- Permanent socket locator pins that won't loosen or back out.
- Internal cable retention clamp to prevent cable pull-out or twisting.
- Molded glass-reinforced, polycarbonate contact block with positive locator keyways for easy disassembly and/or reassembly.
- Molded arrow on plug housing for easy visual alignment with socket.
- Stainless steel electrical contact, spring loaded to insure proper contact with the truck socket pins.
- Virtually indestructible polyurethane plug shell, color coded to match Scully truck sockets.
- Compression strain relief spring prevents the cable from bending or crimping.
- Heavy-duty petroleum resistant cable with higher visibility and cold weather flexibility.
For Safe and Reliable Rack to Vehicle Connection

Environmental Temperature:
-40°F to +140°F (-40°C to +60°C)

10 Conductor Cable:
White- 16 Guage
All Other- 18 Guage

- Straight- 20 feet (6m)
- Coiled- 30 feet (9m)

The cables working length is enclosed in a fuel-resistant jacket. The cable is oil and gas resistant. Other lengths are available upon request.

Materials:
- Plug Body: Polyurethane
- Insulator: Polycarbonate
- Contact Pins: Stainless Steel
- Junction Box: Aluminum

Approvals:
These devices are part of an intrinsically safe system certified by FM.

Ordering Information

Sculcon Model | Applicable Controllers | Plug Style | # of Pins/Slots in Mating Area | Plug and Coiled Cable | Plug and Straight Cable | Coiled Cable w/J.Box | Straight Cable w/J.Box |
--- | --- | --- | --- | --- | --- | --- | --- |
SC-6A | Intellitrol, ST-15 | Green | 8 pins, 2 J slots\(^1\) | 21818 | 20830 | 08156 | 07582 |
SC-6A/D | Intellitrol, ST-15 | Green | 8 pins, 2 J slots | — | — | 08248 | — |
SC-6W | Intellitrol, ST-35, ST-35C | Blue | 6 pins, 3 J slots\(^2\) | 21831 | 21764 | 08159 | 08139 |
SC-6W/D | Intellitrol, ST-35 | Blue | 6 pins, 3 J slots | — | — | 08674 | — |
SC-6AO | Intellitrol, ST-35 | Blue | 6 pins, 2 J slots | 21821 | 21820 | 08161 | 08160 |
SC-6OB | Intellitrol, ST-35 | Blue | 6 pins, 4 J slots | — | — | 08689 | — |
SC-8A | Intellitrol | Green | 10 pins, 2 J slots | 31092 | 20831 | 08729 | 07581 |
SC-8BI | Intellitrol, ST-15 | Green | 10 pins, 4 J slots\(^1\) | 31494 | 32679 | 08689 | — |
SC-6 | Intellitrol, ST-35 | SAE J560-metal | 20403 | 31107 | 07628 | 08603 |

Sculcon Junction Box for General Purpose Part #32319


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