

ACT SD6521 cable gender changer IDC Black



Model: SD6521

Manufacturer: ACT

EAN: 8716065560732

Product Code: 1676171

R913

Use the ACT CAT6A Outdoor IP68 cable coupler for a quick and easily connect of two CAT6A solid or stranded cables with AWG 22-26 wires and an outer jacket diameter of 4.5-7.5mm. This toolless LSA assembly is fully waterproof and dustproof with an IP68 rating. The coupler is supplied with a colour-coded T568B wiring scheme.

CAT6A network cable coupler for toolless installation

The ACT SD6521 is suitable for toolless LSA installation due to its Insulation Displacement Contacts (IDC). These connectors provide easy toolless installation by simply pressing/closing the LSA clamp.

IP68: waterproof and dustproof

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The coupler has a screwable strain relief to protect the wires from tension and stress. The screw-on strain relief also ensures that the coupler is dustproof and waterproof. The coupler is suitable for solid or stranded cables with AWG 22-26 wires and an outer jacket diameter of 4.5-7.5mm.

User scenarios

The ACT CAT6A Outdoor IP68 network cable coupler's weatherproof housing provides a secure, reliable and protected connection, especially in environments with dust, moisture and physical stress.

Extend cable length: If the existing patch cable is not long enough to reach the desired endpoint, a coupler can be used to connect an additional cable, extending the total length without having to replace the entire cable.

Temporary installations: In situations where a temporary network setup is required, such as events, exhibitions or temporary workstations, a coupler allows for quick and easy connections without the need for permanent cabling solutions.

Repair damaged cables: If a network cable becomes damaged, cutting out the damaged section and using a coupler to connect the remaining good sections can be a quick fix, eliminating the need to install a completely new cable.

Field work and emergency repairs: In field work or emergency repair scenarios where quick and reliable connections are critical, couplers provide a convenient solution for extending or repairing cables in the field.

Network expansion: When expanding a network to new areas within a building or campus, couplers can be used to connect existing cables to new ones, facilitating expansion without the need for extensive new cabling.