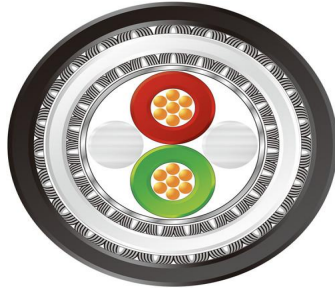


Product Specifications



PROFIBUS-PA 铠装电缆 100OHM 船用

Specifications

Conductor: solid or stranded conductor

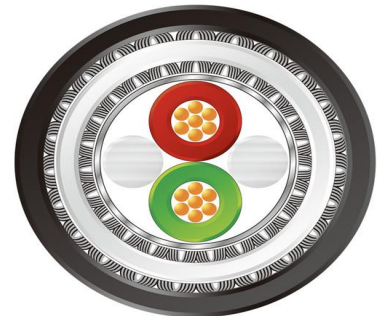
Insulation: PE

Color: red, green

Shielding: aluminum foil shielding plus tinned copper braid or aluminum foil overall shielding

Armor: Steel wire braid

Color: black orange blue



Description

Industrial communication bus cable PROFIBUS-PA armored cable SHF1+SHF1 sheath 100OHM marine

BUS CABLE PROFIBUS-PA ARMORED fixed wiring characteristic impedance 100ohm

Applications

Armored PROFIBUS-PA cables are used in industrial fieldbus systems in automation and communication technology, suitable for places with inherently high tension, and can be directly buried. SHF1 and SHF2 sheathed cables are suitable for marine and offshore applications.



Product Specifications

Electrical data

Test voltage :2000V/min (AC) **Rated voltage**:300V

Characteristic impedance: $100\pm 20\Omega@31.25\text{MHz}$

Conductor DC resistance (20 °C) $\leq 55\text{G}\Omega/\text{km}$

bending radius(Fixed application): 10D (D=cable diameter)

Temperature range

Fixed application:PVC $-20^{\circ}\text{C}\sim 70^{\circ}\text{C}$ PE/SHF1/SHF2: $-40^{\circ}\text{C}\sim 80^{\circ}\text{C}$

| Model | Specification | Inner sheath | Outer sheath | Outer diameter mm | impedance |
|-------------|---------------|--------------|--------------|----------------------|-----------|
| Profibus-PA | 1×2×18AWG/1 | PVC | PVC | 10.6 | 100ohm |
| Profibus-PA | 1×2×18AWG/1 | PVC | PE | 10.6 | 100ohm |
| Profibus-PA | 1×2×18AWG/7 | SHF1 | SHF2 | 10.6 | 100ohm |
| Profibus-PA | 1×2×18AWG/7 | SHF1 | SHF1 | 10.6 | 100ohm |
| Profibus-PA | 1×2×18AWG/7 | LSZH | LSZH | 10.6 | 100ohm |