



Static screened data transmission cable similar to UL AWM 2092

Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic fields



Product description

Application range

- Especially designed for the transmission of the smallest measurement and control signals at minimal space requirements
- Internal wiring of electronic equipment
- For fixed and limited flexible installation
- For use in dry, damp and wet rooms

Benefits

- Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic fields

Product Make-up

- 7-wire tinned stranded copper conductor

- Core insulation made of polyethylene (PE)
- Plastic-laminated aluminium foil with tinned copper drain wire
- Outer sheath made of PVC, Colour of the outer sheath: Similar to Silver-grey/ RAL 7001

Norm references / Approvals

- Based on UL AWM Style 2092 / 2093

Product features

- Protection against interferences at medium and high frequencies by aluminium-laminated plastic foil, combination of flexibility and good screening (normal requirements)
- Flame-retardant according IEC 60332-1-2

Technical Data

Core identification code	2 cores: black, transparent 3 cores: black, red, transparent
Mutual capacitance	C/C approx. 90 nF/km C/S approx. 160 nF/km
Peak operating voltage	(not for power applications) 500 V
Classification	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Inductivity	approx. 0.65 mH/km
Minimum bending radius	Occasional flexing: 10 x outer diameter Fixed installation: 6 x outer diameter
Test voltage	1500 V
Temperature range	Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C
Characteristic impedance	Approx. 95 Ohm