

CANBUS Armor

Application: Shipboard installations, Maritime Environment, Fixed or portable installations, fixed installations, High data rates, Ships, High speed & Light craft. CANBUS communication.

Operate at: -40°C to +75°C, Bend minimum: 10~20 times O.D.

Standards: IEC 61158-2, IEC 60332-3-22, IEC 60754-1/2, IEC 61034-1/2, IEC 60092-360, UL 1581

Design & Construction

Conductor: Bare or tinned copper, 1 pair, 2 pairs, 4 pairs

Conductor size: 0.5mm², 0.75mm², 1.0mm², 1.5mm² (optional)

Insulation: PE

Fire resistant layer: Mica tape (optional)

Inner shield: Aluminum foil

Outer shield: Tinned copper wire braid

Inner jacket (optional): LSZH-SHF1, LSZH-SHF2 or LSZH-SHF2-MUD

Armor: GSWB or TCWB

Outer jacket (optional): LSZH-SHF1, LSZH-SHF2 or LSZH-SHF2-MUD

Marking (example): YANGER® CANBUS 2*2*0.75 S/FTP LSZH-SHF1
IEC 60332-3-22 <batch no.> <meter marking>

Outer jacket color: Purple (optional)

Environmental properties and fire performances

Halogen acid gas: IEC 60754-1/2

Degree of acidity of gases: IEC 60754-1/2

Smoke emission: IEC 61034-1/2

Flame retardant: IEC 60332-3-22

UV-resistant: UL 1581

Electrical characteristics

Impedance: 120 ± 10 Ω

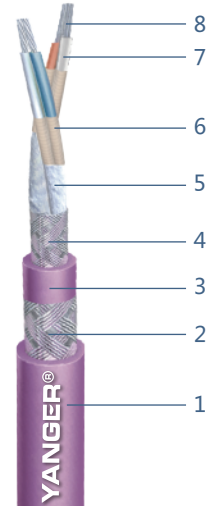
DC resistance: 26.0 Ω/Km max. @ 20°C

Capacitance: 38.0 PF/m

Voltage rating: 300 V

Electrical properties

Frequency (MHz):	0.1	1	5	10	20
Attenuation dB/100m (Nom.):	0.4	1	2.6	3.8	5.5



1. Outer jacket
2. Armor
3. Inner jacket
4. Outer shield
5. Inner shield
6. Fire resistant layer
7. Insulation
8. Conductor



Halogen free
IEC 60754



Low smoke
IEC 61034



Flame retardant
IEC 60332-3-22



Fire resistant
IEC 60331-2