



BUS cables - ASI Bus

- flame-retardant IEC/EN 60332-1-2



Technical attributes

bus type	ASI-Bus
Conductor material	Cu, tinned
Conductor type	very flexible
Conductor category	6
Conductor standard	IEC 60228
Core colours	brown/blue
Outer sheath	EPDM
Outer sheath colour	yellow or black
Insulation	EPDM
Temperature range min., mobile operation	-25 °C
Temperature range max., mobile operation	+85 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	+85 °C
Temperature at conductor max.	+90 °C
Conductor resistance	1,5 mm ² -> 13,7 ohm/km; 2,5 mm ² -> 8,21 ohm/km
Nominal voltage U ₀ /U	U ₀ /U 32 V (yellow outer sheath); U ₀ /U 48 V (black outer sheath)
Test voltage	2000 V AC
RoHS-compliant	yes
Minimum bending radius	9 x cable-Ø

Description

Applicable as BUS cable in dry, damp and wet rooms, even outdoors, if protected from direct sunlight, but not in the ground. As a BUS cable for the European Installation Bus (EIB) approved. For fixed installations on, in and under plaster; also in pipes and ducts.

Note

- flame-retardant IEC/EN 60332-1-2
- halogen-free IEC 60754-2

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
02405001	ASI Bus 2 x 1,5 ye EPDM	69,00	28,80	10,00	yellow
02405002	ASI Bus 2 x 1,5 bk EPDM	69,00	28,80	10,00	black
02405007	ASI Bus 2 x 2,5 ye EPDM	85,00	49,00	10,00	yellow
02405008	ASI Bus 2 x 2,5 bk EPDM	85,00	49,00	10,00	black