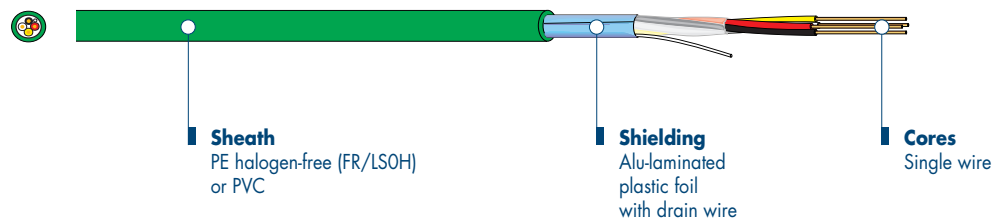


The Characteristics marked with an orange border only apply to the FR/NC/LSOH variant.



Product information

Applications

Special bus cable for the decentralised ecobus® EIB system for installation in dry rooms with medium mechanical requirements. The cable can also be used in areas with explosion risk and run through damp and wet rooms. This cable type is not suitable for outdoor applications. Max. permitted temperature at conductor is 70°C.

Composition

Copper conductor	Bare, 0.8 mm diameter
Core insulation	Polyolefin compound EN 50290.2.23 "L/MD" (according to FR/LSOH) PVC compound "T11" (according to PVC)
Stranding	4 cores to star quad
Tape	Polyester tape
Shielding	Aluminium laminated plastic foil with drain wire, 0.8 mm diameter
Outer sheath	Polyolefin compound (DIN VDE 250-214, HM 2), flame retardant (according to FR/LSOH) PVC compound "TM1" (according to PVC)
Sheath colour	Green
Imprint	Dätwyler Ecobus Data-R n x n x 0,8 mm FR/LSOH Typ 8759-U „production date“ „meter marks“ (according to FR/LSOH) EIB-bus cable (according to PVC) EIB/KNX

Electrical properties

Nominal voltage	max. 300 V
Test voltage	4000 V, 50 Hz
Operating temperature	permanent installation -30°C to +70°C During installation -5°C to +50°C

General properties

Zero halogen non corrosive gases	IEC 60754-2, EN 50267, VDE 0482-267 (according to FR/LSOH)
Flame retardance	IEC 60332-1, (EN 50265-2-1) New: EN 60332-1, (VDE 0482-265-2-1), New: VDE 0482-332-1
Reduced fire propagation	IEC 60332-3 cat. D, EN 50266-2-5, DIN VDE 0482-266-2-5 (according to FR/LSOH)
Minimum smoke emission	IEC 61034, (EN 50268), New: EN 61034, (VDE 0482-268), New: VDE 0482-1034 (according to FR/LSOH)

Article No.	No. of cores x cross section	Sheath	Cu Spec.	Weight	Dimensions	Fire load
	n x n x mm		kg/km	kg/km	app. mm	kWh/m
181 063	1 x 2 x 0,8	FR/LSOH	15	44	6	0,12
181 064	2 x 2 x 0,8	FR/LSOH	25	60	7	0,16
300 917	2 x 2 x 0,8	PVC	25	64	7	0,60