



Product information



Applications

Special cable for the decentralised ecobus® cabling system for installation in dry rooms. For permanent installation, e.g. in furniture, false walls, partition walls and building cavities. The cable can also be used in areas with explosion risk and run through damp and wet rooms.

The cable type with Lloyd's Register approved is suitable for ship and offshore applications.

Construction/Composition

Copper conductor, 2.5 mm ²	Bare, fine stranded wire IEC 60228 Class 6 EN 60228 Class 6
Copper conductor, 10mm ²	Bare, fine stranded wire IEC 60228 Class 5 EN 60228 Class 5
Core Insulation	PVC, EN 50363-3, VDE 0207-363-3 „T12“ (former HD 21.1.S4)
Outer Sheath	PVC, EN 50363-4-1, VDE 0207-363-4-1 „TM2“ (former HD 21.1.S4)
Core colours	grey, black, brown, blue, green/yellow
Sheath colour	Light green
Imprint: Art. no. 187 048	DAETWYLER ECOBUS POWER 5G2.5MM ² Type 8786-H 1KV VDE REG. NO. 7596 "production date" "meter marks"
Imprint: Art. no. 187 014	Dätwyler Ecobus Power 5G10 mm ² Type 4543-K 1KV VDE REG. NO. 9475 "production date" "meter marks"

Electrical properties

Nominal voltage	0,6/1KV
Test voltage	4000 V, 50 Hz

General properties

Operating temperature	Permanent installation -15°C to +70°C During installation +5 °C to +50°C
Tested and certified	With reference to VDE 0283-2, EN 50214, (former HD359 S2), EN 50363-3, EN 50363-4-1, IEC 60092-353 and IEC 60227-6
Flame retardant	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2

Article No.	No. of cores x cross section	Cu Spec.	Weight	Dimensions	Fire load
	n x mm ²	kg/km	kg/km	app. mm	kWh/m
187 048 / 187 049	5 x 2,5	120	259	24,0 x 6,0	0,733
187 014 / 187 015	5 x 10	480	837	38,5 x 10,0	2,138