

Cables



Ha-VIS EtherRail®

ultra flexible cable, Cat. 5, 4-wire

for installation within and outside rail vehicles and especially between coaches

IP 20	<input type="checkbox"/>	IP 65 / IP 67	<input type="checkbox"/>	Elastomer	Cat. 5	<input checked="" type="checkbox"/>	Cat. 6	<input type="checkbox"/>
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Cable structure	Star quad, double shielding
Core structure	4 x AWG 22/19, tinned copper wire, ultra flexible
Wire insulation	PE, Ø 1.98 mm
Sheath material	Elastomer, electron beam cross-linked
Cable sheath diameter	7.4 +/- 1 mm
Transmission performance	Category 5 / Class D up to 100 MHz according to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate	10/100 Mbit/s
Shielding	Shielding foil and shielding braid
Operating temperature range	-40 °C ... +90 °C
Standard lengths	100 m / 500 m / 1000 m
Colour	Black
Tests / Certificats	Tests and certificats according to DIN, N FF, BS and ASTM, detail information see Technical Data sheet

Advantages

Robust design, especially suitable between coaches
 Fire protection according to EN 45 545-1, -2 and -5
 Flame-retardant and heat resistant according to DIN 5510 (1-4)
 and EN 50 264-1
 UV protected
 RoHS compliant
 Halogen free

Identification	Part number Elastomer	Drawing	Dimensions in mm
Ha-VIS EtherRail® ultra flexible cable, Cat. 5 4-wire 100 m ring 500 m drum 1000 m drum	Black 09 45 600 0138 09 45 600 0148 09 45 600 0158		