

Inspection Report

No. ATS-SM-IR-118-29186

Inspection concerning vehicles / components with regard to:

Uniform provisions concerning the burning behavior and/or the capability to repel fuel or lubricant of materials used in the construction of certain categories of motor vehicles (component test)

performed according to

ECE Regulation No. 118

as last amended by

**04 series of amendments
(supplement 01)**

of the Economic Commission for Europe

Approval status	
ECE	Number of approval
	E57*118R04/01*0238*00

Of: 08/12/2025

Type: Data-Lan Cable

Manufacturer: MEKAS KABLO SANAYİ VE TİCARET ANONİM ŞİRKETİ

0. General information

0.1. Make (trade name of manufacturer): MEKAS KABLO SAN. ve TİC. A.Ş.

0.2. Type: Data-Lan Cable

0.2.1 Variant(s): Not Applicable

0.3 Commercial Name: CAT 6 / Cat 5e (HFFR)

0.4. Name and address of manufacturer: MEKAS KABLO SAN. ve TİC. A.Ş.
Köseler Mah. 6. Cadde Kapı No:14-1 Dilovası - Kocaeli

0.4.1 Name and address of manufacturer's authorized representative: Not Applicable

0.4.2. Production plant(s) address(es): Köseler Mah. 6. Cadde Kapı No:14-1 Dilovası - Kocaeli

0.5. Information document:

No: R118 Type-001

Date of issue: 23/10/2025

Date of last change: -

0.5. Position of the approval mark: On the cable

0.6 Vehicle category(ies) M,N,L

(or, if not applicable, vehicle categories which the component(s) is (are) suitable for):

Of: 08/12/2025

Type: Data-Lan Cable

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1. Tested object(s)

1.1	Worst case configuration : (justification of the determination)	Min. Thickness was selected for the worst case
1.2	Description: Vehicle / Object	
1.2.1	Make:	MEKAS KABLO SAN. ve TİC. A.Ş
1.2.2.	Manufacturer:	MEKAS KABLO SAN. ve TİC. A.Ş
1.2.3.	Type / Variant	Data-Lan Cable/-
1.2.4.	Vehicle VIN number / component identification:	See Information document
1.2.4.1	Place of marking:	It will be printed on the outer sheath surface of the cable, between the cable marking text, using an inkjet printing machine
1.2.5.	Main characteristics	
	Material Use	Inside of the vehicle
	Base Material(s) Designation	Cores Insulation: (%100) PE Polyethylene Compound Outer Sheath: (%100) PE Polyethylene, Halogen Free (HFFR) Compound
	Colour	Grey, Yellow, orange, Blue
	Number of Layers*/Multiple-single core*	Single Material
	Type of Coating	Cores Insulation: (%100) PE Polyethylene Compound Outer Sheath: (%100) PE Polyethylene, Halogen Free (HFFR) Compound
	Thickness (mm)*/Conductor total size (mm ²)*	Outer Sheath Thickness: 0,65 ±0,15mm Outer Sheath Diameter: 6,20 ±0,50mm
	Restrictions of Use (if applicable)	Not Applicable
1.3	Remarks	

*Strikethrough, as appropriate.