

MANEX Automotive 125HF

MANEX Automotive-A 125HF Halogen-free (HF) automotive low-voltage cable with regularly stranded conductor (A)

MANEX Automotive-B 125HF Halogen-free (HF) automotive low-voltage cable with irregularly stranded conductor (B)

Application Single-conductor, halogen-free automotive cable designed for low voltage installations in vehicles.

Technical data

Conductor: Cu-ETP1 (acc. to EN 13602), multi wire, flexible (acc. to ISO 6722-1)
Insulation: Polyolefin, class C (acc. to ISO 6722-1) – halogen-free
Sheath: Not applicable
Temperature range: -40°C ÷ +125°C
Standard: ISO 6722-1
 Cables conform to the requirements of REACH Regulation and RoHS Directive.

Technical characteristics

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Number of conductors x Nominal Cross-section	Conductor structure		Resistance at 20°C	Insulation thickness	Sheath thickness	Outer diameter of cable		Approximate weight of cable
	Number of wires	Single wire diameter						
		(max.)				(min.)	(max.)	
mm ²		mm	mΩ/m	mm	mm	mm	mm	kg/km
1 x 0,35	12	0,21	54,4	0,25	--	1,20	1,40	4,4
1 x 0,50	16	0,21	37,1	0,28	--	1,40	1,60	5,8
1 x 0,75	24	0,21	24,7	0,30	--	1,70	1,90	8,7
1 x 1,00	32	0,21	18,5	0,30	--	1,90	2,10	11,3
1 x 1,50	30	0,26	12,7	0,30	--	2,20	2,40	15,9
1 x 2,00	28	0,31	9,42	0,35	--	2,50	2,80	21,4
1 x 2,50	50	0,26	7,6	0,35	--	2,70	3,00	26,5
1 x 3,00	44	0,31	6,15	0,40	--	3,10	3,40	33,6
1 x 4,00	56	0,31	4,71	0,40	--	3,40	3,70	41,5
1 x 6,00	84	0,31	3,14	0,40	--	4,00	4,30	61,7
1 x 8,00	112	0,31	2,38	0,40	--	4,60	5,00	82,5
1 x 10,00	80	0,41	1,82	0,60	--	5,30	6,00	110,0
1 x 16,00	126	0,41	1,16	0,65	--	6,40	7,20	161,7
1 x 25,00	196	0,41	0,743	0,65	--	7,90	8,70	258,0
1 x 35,00	267	0,41	0,527	0,80	--	9,40	10,40	355,6
1 x 50,00	400	0,41	0,368	0,90	--	11,00	12,20	495,5
1 x 70,00	555	0,41	0,259	1,00	--	13,00	14,40	699,3
1 x 95,00	740	0,41	0,196	1,10	--	15,30	16,70	934,3

Contact

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