Habia Cable

XM

Equipment Wire, 600V, +125°C — HFX 125

Properties:
Radiation resistance:
100 kGy

Flame retardant
Low Smoke Generation
Zero Halogen

Suitable for use in:
Oils
Fuels

Construction:

Conductor	Tin Plated Copper (TPC)
Insulation	HFX 125
Temperature rating (°C)	-40 / +125
Colours	XX = Colour code
Voltage	600 V AC*
Test voltage	min 4000 V AC
*Voltage	(0,5-0,75 sqmm) 300 V AC
**TBC	Value to be confirmed

Colour code:

Black	00
Brown	11
Red	22
Orange	33
Yellow	44
Green	55
Blue	66
Violet	77
Grey	88
White	99
Pink	29
Natural	89

Notes:
All dimensions nominal (± 4%) unless otherwise stated.
All dimensions in mm.

Air temperature correction factor for current rating: XM

°C	10	20	30	40	50	60	70	80	90	100	110			
Factor	1.22	1.15	1.08	1.00	0.92	0.84	0.75	0.65	0.54	0.42	0.28			

Multicore correction factor for current rating:

Cores	2	3	4	6	8	10	12	16	20	24	28	32	36	40
Factor	1	0.88	0.80	0.69	0.62	0.59	0.55	0.51	0.48	0.43	0.41	0.39	0.38	0.36

Type	Size		Conductor			Finished Wire				Order Reference
	AWG	mm²	Stranding	Wire Ø	DC Res @ 20°C (Ohms / km)	Core Ø	Tolerance	Weight (kg/km)	Amps (@ 40°C)	
XM 0,5	-	0,50	16 x 0,20	0,88	40,1	1,90	± 0,10	7,4	13	454xx0050
XM 0,75	-	0,75	24 x 0,20	1,05	26,7	2,10	± 0,10	11,0	16	454xx0075
XM 1,0	-	1,00	32 x 0,20	1,20	20,0	3,20	± 0,10	15,0	20	454xx0100
XM 1,5	-	1,50	30 x 0,25	1,50	13,7	3,50	± 0,10	22,0	25	454xx0150
XM 2,5	-	2,50	50 x 0,25	1,95	8,21	3,95	± 0,10	33,0	36	454xx0250
XM 4	-	4,00	56 x 0,30	2,48	5,09	4,48	± 0,10	49,0	52	454xx0400
XM 6	-	6,00	84 x 0,30	2,92	3,39	5,12	± 0,15	68,0	78	454xx0600
XM 10	-	10,0	80 x 0,40	3,93	1,95	6,53	± 0,15	122	98	454xx1000
XM 16	-	16,0	126 x 0,40	5,70	1,24	8,30	± 0,15	182	135	454xx1600
XM 25	-	25,0	196 x 0,40	7,20	0,795	10,2	± 0,30	273	175	454xx2500
XM 35	-	35,0	278 x 0,40	8,40	0,565	11,4	± 0,30	385	216	454xx3500
XM 50	-	50,0	399 x 0,40	10,7	0,393	14,1	± 0,30	545	279	454xx5000
XM 70	-	70,0	361 x 0,50	12,4	0,277	15,8	± 0,30	745	340	454xx7000
XM 95	-	95,0	475 x 0,50	14,3	0,210	17,9	± 0,30	990	415	454xx9500
XM 120	-	120	629 x 0,50	16,0	0,164	19,6	± 0,30	1280	490	454x12000
XM 150	-	150	777 x 0,50	18,0	0,132	22,2	± 0,30	TBC**	TBC**	454x15000
XM 185	-	185	925 x 0,50	20,0	0,108	24,2	± 0,30	TBC**	TBC**	454x18500
XM 240	-	240	1221 x 0,50	23,0	0,0817	27,6	± 0,30	TBC**	TBC**	454x24000
XM 300	-	300	1525 x 0,50	26,0	0,0654	30,8	± 0,40	TBC**	TBC**	454x30000
XM 400	-	400	2013 x 0,50	30,0	0,0495	35,0	± 0,40	TBC**	TBC**	454x40000

Data provided indicates nominal values unless stated otherwise and is only valid for reference purposes at the time of publication and is subject to change without prior notice.

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