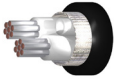


DMFRO™ / Multicores

HFI 140 insulated, HFS 125 XL sheathed, LSZH multicores

Intended for use in equipment on ships, offshore units and high speed & light craft

Order reference		Cores					Finished cable				Electrical	
	No. of cores	Tin Plated Copper (TPC)			HFI 140	TPC braid	HFS 125 XL	Weight	DC current rating In free air at 40°C	Voltage		
		Conductor size			Insulation	Shield/s	Sheath/s					
Description (NSN - if applicable)	Article Number	Lay up	AWG	mm²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U ₀ /U	
DMFRO 2 x 0,5	700077102	2	-	0.50	0.88	1.28	3.5	5.5	47	10	600/1000	
DMFRO 2 x 0,75	700078397		-	0.75	1.05	1.45	3.8	5.8	57	13		
DMFRO 2 x 1,0	700077144		-	1.0	1.20	1.60	4.1	6.1	61	16		
DMFRO 2 x 1,5	700074243		-	1.5	1.50	2.00	5.0	7.0	95	21		
DMFRO 2 x 2,5	700077161		-	2.5	1.95	2.45	5.9	8.1	113	30		
DMFRO 2 x 6	* 700077170		-	6	2.92	4.00	9.0	11.4	227	56		
DMFRO 2 x 10	* 700077174		-	10	3.93	5.10	11.4	13.7	354	84		
DMFRO 3 x 0,5	700074244	3	-	0.50	0.88	1.28	3.7	5.7	54	9	600/1000	
DMFRO 3 x 0,75	700070252		-	0.75	1.05	1.45	4.0	6.0	64	12		
DMFRO 3 x 1,0	700077145		-	1.0	1.20	1.60	4.3	6.3	72	15		
DMFRO 3 x 1,5	700074245		-	1.5	1.50	2.00	5.3	7.5	106	20		
DMFRO 3 x 2,5	700077162		-	2.5	1.95	2.45	6.3	8.5	141	28		
DMFRO 3 x 6	* 700077171		-	6	2.92	4.00	9.6	12.0	295	52		
DMFRO 3 x 10	* 700077175		-	10	3.93	5.10	12.2	14.8	481	77		
DMFRO 4 x 0,5	700074246	4	-	0.50	0.88	1.28	4.0	6.0	62	8	600/1000	
DMFRO 4 x 0,75	700074247		-	0.75	1.05	1.45	4.4	6.4	75	11		
DMFRO 4 x 1,0	700077146		-	1.0	1.20	1.60	4.8	6.8	86	13		
DMFRO 4 x 1,5	700074248		-	1.5	1.50	2.00	5.8	8.0	126	18		
DMFRO 4 x 2,5	700077163		-	2.5	1.95	2.45	6.9	9.1	170	26		
DMFRO 4 x 6	* 700077172		-	6	2.92	4.00	10.9	13.2	381	47		
DMFRO 4 x 10	* 700077176		-	10	3.93	5.10	13.5	16.2	608	70		
DMFRO 5 x 0,5	700077106	5	-	0.50	0.88	1.28	4.4	6.4	71	8	600/1000	
DMFRO 5 x 0,75	700074249		-	0.75	1.05	1.45	4.8	6.8	86	10		
DMFRO 5 x 1,0	700077147		-	1.0	1.20	1.60	5.2	7.2	99	12		
DMFRO 5 x 1,5	700077154		-	1.5	1.50	2.00	6.4	8.6	148	17		
DMFRO 5 x 2,5	700077164		-	2.5	1.95	2.45	7.6	9.8	200	24		
DMFRO 5 x 6	* 700077173		-	6	2.92	4.00	12.0	14.6	466	44		
DMFRO 5 x 10	* 700077177		-	10	3.93	5.10	15.0	17.7	734	66		
DMFRO 7 x 0,5	700077108	7	-	0.50	0.88	1.28	4.7	6.7	84	7	600/1000	
DMFRO 7 x 0,75	700074251		-	0.75	1.05	1.45	5.3	7.3	106	9		
DMFRO 7 x 1,0	700077148		-	1.0	1.20	1.60	5.7	7.9	126	11		

Cable identification


Cores White & numbered

1 2 3 4

Sheath Black

Marking HABIA CABLE DMFRO ## x ### 0.6/1 kV Article No. YYYY-Www - Factory batchcode - IEC 60332-3-25

Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU		Flame retardant to IEC 60332- 3-25	Halogen free to IEC 60754-2	Chemical resistance to oils and fuels	MUD resistant sheath to NEK 606	Certified +95°C High temp	20,000 hrs +135°C High temp
ABS approved	BV approved (excludes * items)	CCS approved	DNV GL approved	LR approved	NK approved		Fixed MBR 5x OD	Current rating to DIN VDE 0298-4	Certified -30°C Low temp	20,000 hrs -40°C Low temp

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			Conductor size			Insulation	Shield/s	Sheath/s				
		Lay up	AWG	mm²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U ₀ /U	
DMFRO 7 x 1,5	* 700074252	7	-	1.5	1.50	2.00	7.0	9.4	189	14	600/1000	
DMFRO 7 x 2,5	* 700077165		-	2.5	1.95	2.45	8.4	10.8	260	21		
DMFRO 8 x 0,75	* 700074253	8	-	0.75	1.05	1.45	6.1	8.1	121	6	600/1000	
DMFRO 9 x 0,5	* 700074254	9	-	0.50	0.88	1.28	5.6	8.1	117	6	600/1000	
DMFRO 10 x 1,5	* 700074255	10	-	1.50	1.50	2.00	9.0	11.4	256	13	600/1000	
DMFRO 12 x 0,5	* 700077112	12	-	0.50	0.88	1.28	6.3	8.5	135	6	600/1000	
DMFRO 12 x 0,75	* 700074256		-	0.75	1.05	1.45	7.0	9.2	171	7		
DMFRO 12 x 1,0	* 700077149		-	1.0	1.20	1.60	7.7	9.9	199	9		
DMFRO 12 x 1,5	* 700077155		-	1.5	1.50	2.00	9.3	11.7	289	12		
DMFRO 12 x 2,5	* 700077166		-	2.5	1.95	2.45	11.4	13.8	423	17		
DMFRO 14 x 0,75	* 700077131	14	-	0.75	1.05	1.45	7.4	9.6	190	7	600/1000	
DMFRO 14 x 1,5	* 700077156		-	1.5	1.50	2.00	10.0	12.3	336	11		
DMFRO 19 x 0,5	* 700077117	19	-	0.50	0.88	1.28	7.4	9.6	183	5	600/1000	
DMFRO 19 x 0,75	* 700077135		-	0.75	1.05	1.45	8.3	10.5	238	6		
DMFRO 19 x 1,0	* 700077150		-	1.0	1.20	1.60	9.0	11.4	285	8		
DMFRO 19 x 1,5	* 700077157		-	1.5	1.50	2.00	11.2	13.8	436	10		
DMFRO 19 x 2,5	* 700077167		-	2.5	1.95	2.45	13.5	16.2	623	15		
DMFRO 20 x 0,75	700074257	20	-	0.75	1.05	1.45	8.7	10.9	250	6	600/1000	
DMFRO 24 x 1,5	700077158	24	-	1.5	1.50	2.00	13.2	16.0	544	9	600/1000	
DMFRO 25 x 0,75	700074258	25	-	0.75	1.05	1.45	9.9	12.3	320	6	600/1000	
DMFRO 27 x 0,5	700077120	27	-	0.50	0.88	1.28	8.9	11.3	258	4	600/1000	
DMFRO 27 x 0,75	700077138		-	0.75	1.05	1.45	9.9	12.3	322	5		
DMFRO 27 x 1,0	700077151		-	1.0	1.20	1.60	11.1	13.3	391	7		
DMFRO 27 x 1,5	700077159		-	1.5	1.50	2.00	13.5	16.3	594	9		
DMFRO 27 x 2,5	700077168		-	2.5	1.95	2.45	16.3	19.3	859	13		
DMFRO 37 x 0,75	700077141	37	-	0.75	1.05	1.45	11.4	13.8	429	5	600/1000	
DMFRO 37 x 1,5	700077160		-	1.5	1.50	2.00	15.2	18.2	776	8		
DMFRO 37 x 2,5	700077169		-	2.5	1.95	2.45	18.3	21.5	1129	12		
DMFRO 50 x 0,5	700077124	50	-	0.50	0.88	1.28	11.6	14.2	419	3	600/1000	
DMFRO 50 x 0,75	700077143		-	0.75	1.05	1.45	13.0	15.6	557	5		

Cable identification

Cores White & numbered



Sheath Black



Marking HABIA CABLE DMFRO ## x ### 0.6/1 kV Article No. YYYY-Www - Factory batchcode - IEC 60332-3-25

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