

DMFRO™ / Multipairs

HFI 140 insulated, HFS 125 XL sheathed, LSZH multicores

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

600/1000 V AC

Order reference		Cores				Finished cable			Electrical	
Description	Article Number	No. of cores	Tin Plated Copper (TPC)		HFI 140	TPC braid	HFS 125 XL	Weight	DC resistance at 20°C	DC current rating in free air at 45°C
			Conductor size		Insulation	Shield/s	Sheath/s			
		Lay up	mm²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Max Ω/km	Amps
DMFRO 2x 2x 0,5	700077103	2 x 2	0.50	0.88	1.28	4.0	6.0	75	32.7	N/A
DMFRO 2x 2x 0,75	700077125		0.75	1.05	1.45	4.4	6.4	100	21.8	N/A
DMFRO 2x 2x 1,5	700077152		1.50	1.50	2.00	5.8	8.0	156	10.9	N/A
DMFRO 3x 2x 0,5	700077104	3 x 2	0.50	0.88	1.28	6.0	8.2	100	32.7	N/A
DMFRO 3x 2x 0,75	700077126		0.75	1.05	1.45	6.5	8.7	119	21.8	N/A
DMFRO 4x 2x 0,5	700077105	4 x 2	0.50	0.88	1.28	6.6	8.8	116	32.7	N/A
DMFRO 4x 2x 0,75	700074783		0.75	1.05	1.45	7.2	9.4	142	21.8	N/A
DMFRO 4x 2x 1,5	700077153		1.50	1.50	2.00	9.7	12.1	233	10.9	N/A
DMFRO 5x 2x 0,5	700077107	5 x 2	0.50	0.88	1.28	7.2	9.4	133	32.7	N/A
DMFRO 7x 2x 0,5	700077109	7 x 2	0.50	0.88	1.28	7.9	10.1	162	32.7	N/A
DMFRO 7x 2x 0,75	700077127		0.75	1.05	1.45	8.8	11.0	205	21.8	N/A
DMFRO 8x 2x 0,5	700077110	8 x 2	0.50	0.88	1.28	9.5	11.9	206	32.7	N/A
DMFRO 8x 2x 0,75	700077128		0.75	1.05	1.45	10.6	13.2	264	21.8	N/A
DMFRO 10x 2x 0,5	700077111	10 x 2	0.50	0.88	1.28	10.4	12.8	238	32.7	N/A
DMFRO 10x 2x 0,75	700077129		0.75	1.05	1.45	11.6	14.2	308	21.8	N/A
DMFRO 12x 2x 0,5	700077113	12 x 2	0.50	0.88	1.28	10.8	13.4	271	32.7	N/A
DMFRO 12x 2x 0,75	700077130		0.75	1.05	1.45	12.0	14.4	337	21.8	N/A
DMFRO 14x 2x 0,5	700077114	14 x 2	0.50	0.88	1.28	11.4	14.0	300	32.7	N/A
DMFRO 14x 2x 0,75	700077132		0.75	1.05	1.45	12.7	15.3	383	21.8	N/A
DMFRO 15x 2x 0,5	700077115	15 x 2	0.50	0.88	1.28	12.0	14.6	318	32.7	N/A
DMFRO 15x 2x 0,75	700077133		0.75	1.05	1.45	13.4	16.1	412	21.8	N/A
DMFRO 16x 2x 0,5	700077116	16 x 2	0.50	0.88	1.28	12.0	14.6	329	32.7	N/A
DMFRO 16x 2x 0,75	700077134		0.75	1.05	1.45	13.4	16.1	427	21.8	N/A
DMFRO 19x 2x 0,5	700077118	19 x 2	0.50	0.88	1.28	12.7	15.3	369	32.7	N/A
DMFRO 19x 2x 0,75	700077136		0.75	1.05	1.45	14.2	17.1	492	21.8	N/A
DMFRO 24x 2x 0,5	* 700077119	24 x 2	0.50	0.88	1.28	15.0	17.8	460	32.7	N/A
DMFRO 24x 2x 0,75	* 700077137		0.75	1.05	1.45	16.8	19.9	614	21.8	N/A
DMFRO 27x 2x 0,5	* 700077121	27 x 2	0.50	0.88	1.28	15.4	18.4	506	32.7	N/A
DMFRO 27x 2x 0,75	* 700077139		0.75	1.05	1.45	17.2	20.3	666	21.8	N/A

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 REACH LVD			Fluid resistant Fuel Oil MUD Water		Flame resistant IEC 60332-1-2 IEC 60332-3-22	Halogen free IEC 60754-1 IEC 60754-2	Smoke free IEC 61034-2	MBR Fixed = 5x Ø
Approval NEK TS 606 SHF2 MUD	Approval ABS	Approval (excl. * items) BV	Approval CCS	Approval DNV GL	Approval LR	Approval NK	Temp installation -40°C	Temp low certified -30°C	Temp >20,000 hrs certified +95°C	Temp peak +135°C

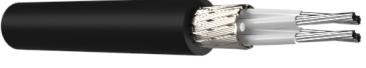
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			Conductor size		Insulation	Shield/s	Sheath/s			
Description	Article Number	Lay up	mm²	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Max Ω/km	Amps
DMFRO 32x 2x 0,5	* 700077122	32 x 2	0.50	0.88	1.28	16.6	19.6	576	32.7	N/A
DMFRO 32x 2x 0,75	* 700077140		0.75	1.05	1.45	18.6	21.9	773	21.8	N/A
DMFRO 37x 2x 0,5	* 700077123	37 x 2	0.50	0.88	1.28	17.3	20.3	638	32.7	N/A
DMFRO 37x 2x 0,75	* 700077142		0.75	1.05	1.45	19.4	22.7	862	21.8	N/A

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Sheath	Black	
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