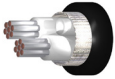




DMFRO™ / Multipairs

HFI 140 insulated, HFS 125 XL sheathed, LSZH multicores


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

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 2x 2x 0,5	* 700077103	2 x 2	-	0.50	0.88	1.28	4.0	6.0	75	8	600/1000	
DMFRO 2x 2x 0,75	* 700077125		-	0.75	1.05	1.45	4.4	6.4	100	11		
DMFRO 2x 2x 1,5	* 700077152		-	1.50	1.50	2.00	5.8	8.0	156	18		
DMFRO 3x 2x 0,5	* 700077104	3 x 2	-	0.50	0.88	1.28	6.0	8.2	100	7	600/1000	
DMFRO 3x 2x 0,75	* 700077126		-	0.75	1.05	1.45	6.5	8.7	119	9		
DMFRO 4x 2x 0,5	* 700077105	4 x 2	-	0.50	0.88	1.28	6.6	8.8	116	6	600/1000	
DMFRO 4x 2x 0,75	* 700074783		-	0.75	1.05	1.45	7.2	9.4	142	8		
DMFRO 4x 2x 1,5	* 700077153		-	1.50	1.50	2.00	9.7	12.1	233	12		
DMFRO 5x 2x 0,5	* 700077107	5 x 2	-	0.50	0.88	1.28	7.2	9.4	133	6	600/1000	
DMFRO 7x 2x 0,5	* 700077109	7 x 2	-	0.50	0.88	1.28	7.9	10.1	162	5	600/1000	
DMFRO 7x 2x 0,75	* 700077127		-	0.75	1.05	1.45	8.8	11.0	205	7		
DMFRO 8x 2x 0,5	* 700077110	8 x 2	-	0.50	0.88	1.28	9.5	11.9	206	5	600/1000	
DMFRO 8x 2x 0,75	* 700077128		-	0.75	1.05	1.45	10.6	13.2	264	7		
DMFRO 10x 2x 0,5	* 700077111	10 x 2	-	0.50	0.88	1.28	10.4	12.8	238	5	600/1000	
DMFRO 10x 2x 0,75	* 700077129		-	0.75	1.05	1.45	11.6	14.2	308	6		
DMFRO 12x 2x 0,5	* 700077113	12 x 2	-	0.50	0.88	1.28	10.8	13.4	271	4	600/1000	
DMFRO 12x 2x 0,75	* 700077130		-	0.75	1.05	1.45	12.0	14.4	337	6		
DMFRO 14x 2x 0,5	* 700077114	14 x 2	-	0.50	0.88	1.28	11.4	14.0	300	4	600/1000	
DMFRO 14x 2x 0,75	* 700077132		-	0.75	1.05	1.45	12.7	15.3	383	5		
DMFRO 15x 2x 0,5	* 700077115	15 x 2	-	0.50	0.88	1.28	12.0	14.6	318	4	600/1000	
DMFRO 15x 2x 0,75	* 700077133		-	0.75	1.05	1.45	13.4	16.1	412	5		
DMFRO 16x 2x 0,5	* 700077116	16 x 2	-	0.50	0.88	1.28	12.0	14.6	329	4	600/1000	
DMFRO 16x 2x 0,75	* 700077134		-	0.75	1.05	1.45	13.4	16.1	427	5		
DMFRO 19x 2x 0,5	* 700077118	19 x 2	-	0.50	0.88	1.28	12.7	15.3	369	3	600/1000	
DMFRO 19x 2x 0,75	* 700077136		-	0.75	1.05	1.45	14.2	17.1	492	5		
DMFRO 24x 2x 0,5	700077119	24 x 2	-	0.50	0.88	1.28	15.0	17.8	460	3	600/1000	
DMFRO 24x 2x 0,75	700077137		-	0.75	1.05	1.45	16.8	19.9	614	5		
DMFRO 27x 2x 0,5	700077121	27 x 2	-	0.50	0.88	1.28	15.4	18.4	506	3	600/1000	
DMFRO 27x 2x 0,75	700077139		-	0.75	1.05	1.45	17.2	20.3	666	4		
DMFRO 32x 2x 0,5	700077122	32 x 2	-	0.50	0.88	1.28	16.6	19.6	576	2	600/1000	
DMFRO 32x 2x 0,75	700077140		-	0.75	1.05	1.45	18.6	21.9	773	3		
DMFRO 37x 2x 0,5	700077123	37 x 2	-	0.50	0.88	1.28	17.3	20.3	638	1	600/1000	
DMFRO 37x 2x 0,75	700077142		-	0.75	1.05	1.45	19.4	22.7	862	2		

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	

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

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.