

FM & FMA

Screened and jacketed hook-up wires and multicore cables for low frequency applications

PRODUCTS IN THE RANGE

- FM/FMA

To FILOTEX specification

- Operating voltage: 250 Volts for AWG 24 gauges
750 Volts for AWG 22 gauges
- Operating temperature: - 20°C up to + 80°C
(ambient temperature + rise)

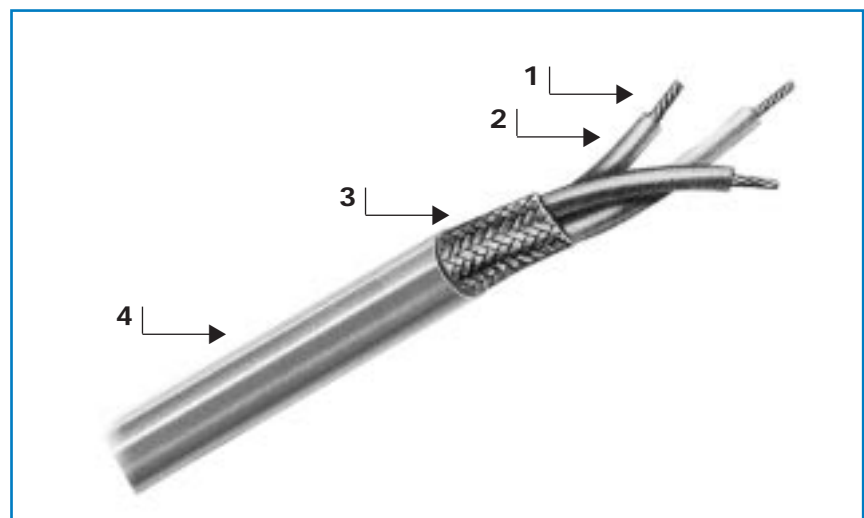
Main characteristics:

- These flexible cables, with a reduced overall diameter (FMA serie), are specially designed for equipment wiring requiring a good efficient screen.
- Some typical applications:
 - outdoor and indoor audio installations
 - microphone connections
 - wiring in equipment requiring efficient shielding against low frequency interference and inductive coupling.
- They are flame retardant (to NFC 32070/C2 French specification).

CONSTRUCTION

- 1 - CONDUCTOR:
stranded tinned copper wires
- 2 - INSULATION:
polyethylene (Pe) or
polyvinyl chloride (PVC)
according to the products
- 3- SCREEN:
tinned copper braid
- 4- OUTER JACKET:
flexible polyvinyl chloride
(PVC)

NOTA: the items with the FILOTEX reference ending by "PS" only have a PVC sheath as filler between cores and screen



SCREENED AND JACKETED HOOK-UP WIRES AND MULTICORE CABLES - SERIE FM&FMA

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Number of cores	Reference FILOTEX	BASE CORE				Overall diameter		Average weight Kg/Km	Colour coding of cores
		CONDUCTOR			Nominal Ø core mm	mini.	maxi.		
		Gauge AWG	Cross section mm ²	Construction n x Ø mm					
						mm			
1	FM 1R	24	0.22	7 x 0.20	1.2	2,3	2.7	12	White
	FMA 1R		0.22	7 x 0.20	1.1	2.1	2.5	10	
	FM 1M		0.22	7 x 0.20	1.6	3.3	3.7	20	
	FMA 1M		0.22	7 x 0.20	1.5	2.6	3.0	14	
	FM 1	22	0.38	12 x 0.20	2.5	4.7	5.3	37	White
	FMA 1		0.34	7 x 0.25	2.0	3.2	3.6	20	
	FM 1P	22	0.38	12 x 0.20	2.5	4.7	5.3	35	Natural
	FMA 1P		0.34	7 x 0.25	2.0	3.2	3.6	19	
2	FM 2 R	24	0.22	7 x 0.20	1.2	3.8	4.2	26	White, Blue
	FMA 2 R		0.22	7 x 0.20	1.1	3.5	3.9	23	
	FM 2 M	24	0.22	7 x 0.20	1.5	4.7	5.3	39	White, Yellow
	FMA 2 M		0.22	7 x 0.20	1.5	4.4	4.8	32	
	FM 2	22	0.38	12 x 0.20	2.0	5.7	6.3	54	White, Blue
	FMA 2		0.34	7 x 0.25	2.0	5.3	5.9	47	
	FM 2 P	22	0.38	12 x 0.20	2.0	5.7	6.3	51	Natural, Red
	FMA 2 P		0.34	7 x 0.25	2.0	5.3	5.9	44	
	FM 2 PS	22	0.31	40 x 0.10	2.2	7.7	8.3	90	White, Yellow
	FMA 2 PS		0.34	7 x 0.25	2.0	6.8	7.4	72	
3	FM 3 R	24	0.22	7 x 0.20	1.2	4.0	4.4	32	White, Blue, Red
	FMA 3 R		0.22	7 x 0.20	1.1	3.7	4.1	27	
	FM 3	22	0.38	12 x 0.20	2.0	5.7	6.3	60	
	FMA 3		0.34	7 x 0.25	2.0	5.6	6.2	60	
	FM 3 PS	22	0.31	40 x 0.10	2.2	7.8	8.6	90	White, Yellow, Green
	FMA 3 PS		0.34	7 x 0.25	2.0	7.1	7.7	79	
4	FM 4 R	24	0.22	7 x 0.20	1.2	5.0	5.4	38	White, Blue, Red, Yellow
	FMA 4 R		0.22	7 x 0.20	1.1	4.0	4.4	31	
	FM 4	22	0.38	12 x 0.20	2.0	6.7	7.3	81	
	FMA 4		0.34	7 x 0.25	2.0	6.3	6.9	67	
	FM 4 PS	22	0.31	40 x 0.10	2.2	8.1	8.9	104	White, Yellow, Green, Blue
	FMA 4 PS		0.34	7 x 0.25	2.0	7.7	8.3	91	
5	FM 5 R	24	0.22	7 x 0.20	1.2	5.6	6.0	48	White, Blue, Red, Yellow, Green
	FMA 5 R		0.22	7 x 0.20	1.1	4.4	4.8	37	
	FM 5	22	0.38	12 x 0.20	2.0	7.7	8.3	101	
	FMA 5		0.34	7 x 0.25	2.0	7.1	7.7	84	
6	FM 6 R	24	0.22	7 x 0.20	1.1	5.0	5.6	43	White, Blue, Red, Yellow, Green, Black
	FMA 6 R		0.22	7 x 0.20	1.1	4.7	5.1	41	
	FM 6	22	0.38	12 x 0.20	2.0	8.3	9.1	106	
	FMA 6		0.34	7 x 0.25	2.0	7.7	8.5	93	

The cables with the letter "P" in the reference (example FMA 2P) have the polyethylene insulated cores, the other cables have the PVC insulated cores.