

Habiatron™ / MM-LSF

LSF (HFS 100) sheathed, low temperature super-screened coaxials

Intended for use connecting sensitive measurement equipment in and outside containment

33 Ω

Order reference		Core			Finished cable			Electrical		
Description	Article Number	Copper (CU)		HFI 90 L	Foil / braid composite	HFS 100	Weight	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s			In free air at 40°C	
MM 17/33 LSF	20307491010	Solid	1.21	2.45	5.60	7.00	100	175	22	2,000



50 Ω

Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
MM 11/50 LSF	30306721010	Solid	0.90	2.95	4.58	6.00	60	100	16	2,500
MM 12/50 LSF	3778700202	7 x 0.67	2.28	7.25	9.00	11.00	125	100	40	3,000

75 Ω

Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
MM 10/75 LSF	3778900901	Solid	0.42	2.45	4.60	6.00	60	75	7	2,000
MM 20/75 LSF	3778900402	Solid	0.42	2.45	5.58	7.00	94	75	7	2,000

50 Ω

Order reference		Core			Finished cable			Electrical		
Description	Article Number	Silver Plated Copper (SPC)		HFI 90 L	Foil/ braid composite	HFS 100	Weight	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s			In free air at 40°C	
MM 15/50 LSF	3178700501	Solid	0.90	2.95	5.58	7.00	90	100	16	2,000



Designs manufactured in partnership with Ultra Electronics Energy.

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)

Frequency	MM 17/33		MM 11/50		MM 12/50		MM 15/50		MM 10/75		MM 20/75	
	MHz	dB	W	dB	W	dB	W	dB	W	dB	W	dB
1	2	N/A	1.5	N/A	TBA	N/A	1.5	N/A	2.2	N/A	2.2	N/A
200	110	N/A	20.7	N/A	TBA	N/A	20.7	N/A	110	N/A	110	N/A

Cable identification

Dielectric	Natural	
Sheath	Black	
Sheath	MM 12/50: Orange	
Sheath	MM 15/50: Blue	
Marking	Habiatron Description ULTRA ELECTRONICS ENERGY PO - [Order No.] - Batchcode	

Characteristics and key properties

		RoHS REACH LVD		Current rating IEC 60287	Fluid resistant Fuel Oil Water		Flame resistant	Halogen free IEC 60754-1		MBR Fixed = 10x Ø
							Temp installation -40°C			Temp peak +90°C

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