


Habiatron™ / MM-PEEK


PEEK sheathed, high temperature superscreened coaxials

Intended for use connecting sensitive measurement equipment in and outside containment

33 Ω

Order reference		Core			Finished cable			Electrical		
		Silver Plated Copper Covered Steel (SCCS)		PEEK	Foil / braid composite	PEEK	Weight	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s			In free air at 40°C	
Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
MM 63/33	3678900202	Solid	0.64	1.50	2.75	3.40	30	220	17	600
MM 65/33	00309206010	Solid	0.64	1.50	3.55	4.50	50	220	17	600

75 Ω



Order reference		Core			Finished cable			Electrical		
		Copper Covered Steel (CCS)		PEEK	Foil/ braid composite	PEEK	Weight	Cap.	DC current rating	Voltage
		Stranding	Conductor	Dielectric	Shield/s	Sheath/s			In free air at 40°C	
Description	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	pF/m	Amps	V AC rms
MM 62/75	28538900021	Solid	0.60	4.90	7.40	8.53	159	80	18	600

Designs manufactured in partnership with Ultra Electronics Energy.



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

Frequency MHz	MM 63/33		MM 65/50		MM 62/75	
	dB	W	dB	W	dB	W
1	TBA	N/A	3.5	N/A	TBA	N/A
200	TBA	N/A	65	N/A	TBA	N/A

Cable identification

Dielectric	Natural (Grey - Amber)	
Sheath	Natural (Grey - Amber)	
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 IEEE 1202 UL 1581 VW-1	Halogen free IEC 60754-1 IEC 60754-2	Smoke free IEC 60754-2	MBR Fixed = 10x Ø
					Temp installation -60°C			Temp peak +190°C

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