



Habiatron™ / MM-PEEK

PEEK sheathed, high temperature superscreened coaxials

Intended for use connecting sensitive measurement equipment in and outside containment

| Order reference | | Core | | | Finished cable | | | | Electrical | | | |
|---|----------------|---|-----------|------------|------------------------|----------|---------|-----------|------------|------|---------------------|----------|
|  | | Silver Plated Copper Covered Steel (SCCS) | | PEEK | Foil / braid composite | PEEK | Weight | Fixed MBR | Imp. | Cap. | DC current rating | Voltage |
| | | Stranding | Conductor | Dielectric | Shield/s | Sheath/s | | | | | In free air at 40°C | |
| Description (NSN - if applicable) | Article Number | # x mm | Nom Ø | Nom Ø | Nom Ø | Nom Ø | Nom g/m | mm | Ohms | pF/m | Amps | V AC rms |
| MM 63/33 | 3678900202 | Solid | 0.64 | 1.50 | 2.75 | 3.40 | 30 | 50 | 33 | 220 | 17 | 600 |
| MM 65/33 | 00309206010 | Solid | 0.64 | 1.50 | 3.55 | 4.50 | 50 | 70 | | | | |
|  | | Copper Covered Steel (CCS) | | PEEK | Foil / braid composite | PEEK | Weight | Fixed MBR | Imp. | Cap. | DC current rating | Voltage |
| | | Stranding | Conductor | Dielectric | Shield/s | Sheath/s | | | | | In free air at 40°C | |
| Description (NSN - if applicable) | Article Number | # x mm | Nom Ø | Nom Ø | Nom Ø | Nom Ø | Nom g/m | mm | Ohms | pF/m | Amps | V AC rms |
| MM 62/75 | 28538900021 | Solid | 0.60 | 4.90 | 7.40 | 8.53 | 159 | 130 | 75 | 80 | 18 | 600 |

Designs manufactured in partnership with Ultra Electronics Energy.

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

| Frequency | 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 2011/65/EU | REACH EC No. 1907/2006 | Halogen free IEC 60754-1 IEC 60754-2 | Flame retardant IEEE 1202 UL1581 VW-1 | +190°C High temp |
| | | | Fixed MBR 10x OD | Current rating to IEC 60287 | -60°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.