# mDOM, internal cabling

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| used for | amount | length  mm | cable type | file names | remark |
| PCA (Penetrator Cable Adapter) | 1 |  | Belden 89503 | PCA\_Rev2.PNG  Penetrator\_with\_Epoxy\_Extension.xxx  con\_cable\_skt\_\_M80\_drawing.pdf |  |
| PMT-base to mainboard, coax. | 24 | 350 | RG-178/U  PTFE | MMCX\_cable\_ra-st\_WE-65560660515304.pdf  cable\_MMCX\_ra-st\_WE-65560660515304.stp | numbering is 0 to 23,  right angle connector on both ends |
| PMT-base to mainboard, HV control | 24 | 350 | 3M 3756 | cable\_flat\_30AWG\_-40°C\_138R\_10pos\_3M-3756\_10.pdf  con\_cable\_skt\_3M\_45110-010030.pdf | numbering is 0 to 23,  crimping such, that on mainboard cable points to the center, on PMT base cable points outwards |
| camera to mDAB (mDOM Adapter Board) | 3 | ? | FFSD-05-D-20.00-01-N | cable\_camera\_10pos\_Samtec-FFSD-05-D-20.00-01-N.pdf |  |
| flasher to mDAB | 2 | ? | 3M 3756 | cable\_flat\_30AWG\_-40°C\_138R\_10pos\_3M-3756\_10.pdf  con\_cable\_skt\_3M\_45110-010030.pdf |  |
| camera illumination board to mDAB | 1 | ? | FFSD-02-D-20.00-01 | cable\_illum\_4pos\_Samtec-FFSD-02-D-20.00-01.pdf |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |