Thermal 1.x Head Cables for MPE Devices

Cable	Type	TS3 / 3/8	TS8	TS-VLF	PS3244	PS-VLF	Connector	Carries	Note
EH-BLKHD	Hotlink	10-4105A	10-4109B	10-4968B	16-3845	10-4968B	Coax	Image data	in cable track
FDPE-BLKHD	Hotlink	10-4106A	10-4108B	10-4107A	10-0793A	10-4107A	Coax	Image data	in powerbox
EH-BP (J22)	Control	10-3259A	10-3905B	10-3520A	10-0771A	10-3347A	20 pin ribbon	Comm & signals	Communication to host
EH-BP (J28) (LC-BP)	Control	10-3258A	10-3903B	10-3523B	10-0936B	10-3343A	9 pin DB9	Signals	Status signals to host
EH-PDB	Power	10-3260A	-	10-4149A (see note below)	10-0781B	10-3342A	2x3 mate'n lock	5/12/-12V	Logic & focus power
LAS-PWR	Power	10-3272A	10-3937C		10-3671A	10-3349A	1x6 mate'n lock	+24V	Write laser - TH1.0
LAS-PWR	Power	-	10-3897B		-	-	3x3 mate'n lock	+48V	Write laser - TH1.7
Adapter	To use TH1.7	10-3896B	-	10-3896B	-	10-3896B	1x6 to 3x3	+48V	40w IOP adapter
Adapter	To use TH1.0	-	10-3935A	-	-	-	3x3 to 1x6	+24V	TS8/20w adapter

For TS-VLF devices currently using the two power cables **10-3516A** and **10-3517A**, replace these two cables with the single cable **10-4149A** plus the appropriate adapters:

TH1.7 Head:

10-4149A
10-4147A "CAB,ASSY,48V LPS,TSV" for connection to the power supplies.
10-3968A "CAB,ASSY,ADAPT,EH-FOCUS REL,TSV"
10-3969A "CAB,ASSY,PDB-FOCUS REL,TSV" for connection to K3 (safety voltage) and to Power Distribution board.
10-3896B "CAB,ASSY,ADAPTER,IOP,TEH1.7" for connection to the TH1.7 head

TH1.0 Head:

10-4149A
10-4148A "CAB,ASSY,24V LPS,TSV" for connection to the power supply
Cable 10-4149A connects directly to the TH1.0 head

Updated 11/16/07. Always see SAP for the latest part numbers.