

Note: -v2 major rework, -v3 fixes fom review

Key lengths - very rough estimate including spare for draping (m)

Needed:	Bulk cable (m)	Connectors	Etc	Cables
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[illegible]

IM	H2	F-BS-IM-H2	Feedthrough	DS9M	0 DS9M	0 -	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
IM	H2	C-BS-IM-H2-3	Anti-Feedthrough	DS9F IDC	1 DS9M IDC	1 Ribbon	0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
IM	H2	C-BS-IM-H2-4	Basic Sat Amp	DS9F	0 DS9M	0 -	TBD1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	H3	C-BS-IM-H3-0	IM OSEM to BF (02)	DM9MV	1 DS9MV	1 Gore	1.5	1	1.5	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	H3	C-BS-IM-H3-1	BF to TR Signal (17)	DS9FV	1 DS9MV	1 Gore	1.5	1	1.5	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	H3	C-BS-IM-H3-3	TR to Flange Signal (19)	DS9FV	1 DS9FV	1 Gore	2	1	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	H3	F-BS-IM-H3	Feedthrough	DS9M	0 DS9M	0 -	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
IM	H3	C-BS-IM-H3-3	Anti-Feedthrough	DS9F IDC	1 DS9M IDC	1 Ribbon	0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
IM	H3	C-BS-IM-H3-4	Basic Sat Amp	DS9F	0 DS9M	0 -	TBD1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V1	C-BS-IM-V1-0	IM OSEM to BF (02)	DM9MV	1 DS9MV	1 Gore	1.5	1	1.5	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V1	C-BS-IM-V1-1	BF to TR Signal (17)	DS9FV	1 DS9MV	1 Gore	1.5	1	1.5	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V1	C-BS-IM-V1-3	TR to Flange Signal (19)	DS9FV	1 DS9FV	1 Gore	2	1	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V1	F-BS-IM-V1	Feedthrough	DS9M	0 DS9M	0 -	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
IM	V1	C-BS-IM-V1-3	Anti-Feedthrough	DS9F IDC	1 DS9M IDC	1 Ribbon	0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
IM	V1	C-BS-IM-V1-4	Basic Sat Amp	DS9F	0 DS9M	0 -	TBD1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V2	C-BS-IM-V2-0	IM OSEM to BF (02)	DM9MV	1 DS9MV	1 Gore	1.5	1	1.5	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V2	C-BS-IM-V2-1	BF to TR Signal (17)	DS9FV	1 DS9MV	1 Gore	1.5	1	1.5	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V2	C-BS-IM-V2-3	TR to Flange Signal (19)	DS9FV	1 DS9FV	1 Gore	2	1	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V2	F-BS-IM-V2	Feedthrough	DS9M	0 DS9M	0 -	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
IM	V2	C-BS-IM-V2-3	Anti-Feedthrough	DS9F IDC	1 DS9M IDC	1 Ribbon	0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
IM	V2	C-BS-IM-V2-4	Basic Sat Amp	DS9F	0 DS9M	0 -	TBD1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V3	C-BS-IM-V3-0	IM OSEM to BF (02)	DM9MV	1 DS9MV	1 Gore	1.5	1	1.5	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V3	C-BS-IM-V3-1	BF to TR Signal (17)	DS9FV	1 DS9MV	1 Gore	1.5	1	1.5	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V3	C-BS-IM-V3-3	TR to Flange Signal (19)	DS9FV	1 DS9FV	1 Gore	2	1	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	V3	F-BS-IM-V3	Feedthrough	DS9M	0 DS9M	0 -	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
IM	V3	C-BS-IM-V3-3	Anti-Feedthrough	DS9F IDC	1 DS9M IDC	1 Ribbon	0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
IM	V3	C-BS-IM-V3-4	Basic Sat Amp	DS9F	0 DS9M	0 -	TBD1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	PP	C-BS-IM-PP/PR-0	IM Pico Adapter (03)	PDF	4 DS9MV	1 MWS	1.5	1	0	1.5	0	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0
IM	PP	C-BS-IM-PP/PR-1	BF to TR Motor (18)	DS9FV	1 DS9MV	1 MWS	1.5	1	0	1.5	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	PP/PR	C-BS-IM-PP/PR-2	TR to Flange Motor (20)	DS9FV	1 DS9FV	1 MWS	2	1	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	PP/PR	F-BS-IM-PP/PR	Feedthrough	DS9M	0 DS9M	0 -	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
IM	PP/PR	C-BS-IM-PP/PR-3	Anti-Feedthrough	DS9F IDC	1 DS9M IDC	1 Ribbon	0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
IM	PP/PR	C-BS-IM-PP/PR-4	Basic Rack	DS9F	0 DS9M	0 -	TBD2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	PP	C-BS-IM-PP/PR-5	TRco Splitter Double	DS9F	1 RJ22M	2 RJ22	0.1	1	0	0	0	0.1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0
									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	LV	C-BS-BF-LV-0	BF&SF LVDT Adapter (06)	PBM	6 DS9MV	1 Gore	1	1	1	0	0	0	0	1	0	0	0	0	0	0	6	0	0	0	0	0	0	0
BF	LV	C-BS-BF-LV-1	BF to TR Signal (17)	DS9FV	1 DS9MV	1 Gore	1.5	1	1.5	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	LV	C-BS-BF-LV-2	TR to Flange Signal (19)	DS9FV	1 DS9FV	1 Gore	2	1	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	LV	F-BS-BF-LV	Feedthrough	DS9M	0 DS9M	0 -	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
BF	LV	C-BS-BF-LV-3	Anti-Feedthrough	DS9F IDC	1 DS9M IDC	1 Ribbon	0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
BF	LV	C-BS-BF-LV-4	Basic Rack	DS9F	0 DS9M	0 -	TBD2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	PP/PR/PY	C-BS-BF-PP/PR/PY-0	BF Pico Adapter (04)	PDF	6 DS9MV	1 MWS	1	1	0	1	0	0	0	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
BF	PP/PR/PY	C-BS-BF-PP/PR/PY-1	BF to TR Motor (18)	DS9FV	1 DS9MV	1 MWS	1.5	1	0	1.5	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	PP/PR/PY	C-BS-BF-PP/PR/PY-2	TR to Flange Motor (20)	DS9FV	1 DS9FV	1 MWS	2	1	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	PP/PR/PY	F-BS-BF-PP/PR/PY	Feedthrough	DS9M	0 DS9M	0 -	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
BF	PP/PR/PY	C-BS-BF-PP/PR/PY-3	Anti-Feedthrough	DS9F	1 DS9M	1 Ribbon	0.1	1	0	0	0.1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
BF	PP/PR/PY	C-BS-BF-PP/PR/PY-4	Basic Rack	DS9F	1 DS9M	1 -	TBD2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
BF	PP/PR/PY	C-BS-BF-PP/PR/PY-5	Pico Splitter Triple	DS9F	1 RJ22M	3 RJ22	0.1	1	0	0	0	0.1	0	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0
									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	SV	C-BS-BF-SV-0	BF&SF Stepper Adapter (05	PBM	4 DS9MV	1 MWS	1	1	0	1	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
BF	SV	C-BS-BF-SV-1	BF to TR Motor (18)	DS9FV	1 DS9MV	1 MWS	1.5	1	0	1.5	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0

[illegible]

TR	YY	C-PR2-TR-YY-3	Anti-Feedthrough	DS9F IDC	1	DS9M IDC	1	Ribbon	0.1	1	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TR	YY	C-PR2-TR-YY-4	Basic Rack	DS9F	0	DS9M	0	-	TBD2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TR	YY	C-PR2-TR-YY-5	Pos Sensor Splitter	DS9F	1	???	???	???	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

																				TM
Ribb				DM9M	DS9M	DS9F	DS9M				DS9F	RJ22				Feedth				OSEM to
Gore	MWS	on	RJ22	V	V	V	DS9M	DS9F	IDC	IDC	PDM	PDF	PBM	PBF	M	CI01M	10-6	F	rough	BF (01)
59.5	33	2	0.2	10	29	46	3	6	15	15	0	10	20	0	5	2	0	20		4

[illegible]

[illegible]

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IM	IM Pico	BF Pico	BF&SF	BF&SF	Geoph			Signal	PI to	PI to	PI to			Motor			TR to	TR to	BF to	BF to	Pico+St	PI
OSEM to	Adapter	Adapter	Adapter	Adapter	Adapter	BF to PI	SF to PI	Cable	Flange	Flange	Flange	BF to PI	SF to PI	Cable	BF to TR	BF to TR	Flange	Flange	Flange	Flange	epper	Stepper
BF (02)	(03)	(04)	(05)	(06)	(07)	Signal	Signal	Extensio	Signal	Geoph	Motor	Motor	Motor	Extensio	Signal	Motor	Signal	Motor	Signal	Motor	r (23)	r (24)
	6	1	1	2	2	0	0	0	0	0	0	0	0	0	0	11	3	12	8	0	0	0