

Final Type II

Assembly Atlas SCT type II cable (Raydex 17–core cable ref. CERN2004/CD11895)

Connector 1 pin	Cable Position	Cable Line	Cable Color	Line Diameter	Connector 2 socket
Mm					
Mixel Pol 17W5 male					JST SHDR–20V–S–B FCI 65239–002

A4	Position 1	AGND	Nature/Amber	1.05	FCI 2
A3		Vcc	Red/Rouge	1.05	FCI 1
5		VccSen	Red/Rouge	0.65	JST 9
11		AGSen	Nature/Amber	0.45	JST 10
A2	Position 7	DGND	Nature/Amber	1.05	FCI 4
A1		Vdd	Brown/Brun	1.05	FCI 3
1		VddSen	Brown/Brun	0.45	JST 7
3		DGSen	Nature/Amber	0.45	JST 8
A5	Position 3	HVBias	Red/Rouge	0.55	JST 19
12		HVRet	Nature/Amber	0.55	JST 14
8	Position 4	Vcsl = ILEDA	Red/Rouge	0.45	JST 2
NC		spare line	Brown/Brun	0.45	JST 1
7		Select	Nature/Amber	0.45	JST 3
2		Reset	White/Blanc	0.45	JST 5
10	Position 6	T1 (Temp 1)	Nature/Amber	0.45	JST 6
4		T2 (Temp 2)	Brown/Brun	0.45	JST 12
9		PINBias	Red/Rouge	0.65	JST 4
6	Position 8	Drain / tresse	Non–insulated	0.55	JST 11

hood: metalized plastic hood

Note:

JST pins NC: 13,15,16,17,18,20

Cable Length:

Please verify available cable length on drum!

If available cable length is longer than 110m, please divide available cable into 20 pieces

If available cable length is less than 110m, please make each cable 5.5 m

Bitte messen Sie die versendete Kabellänge!

Falls die Gesamtlänge über 110m ist, schneiden Sie bitte das Kabel in 20 identische Stücke

Falls die Gesamtlänge unter 110m ist, konfektionieren Sie die Kabel bitte auf 5.5m Länge

solange der Vorrat reicht.

Final Type III

Assembly Atlas SCT type III cable (Leoni LEHC 399 rev 3)

Connector 1 pin	Cable Position	Cable Line	Cable Color	Line Diameter	Connector 2 socket
				Mm	
Mixed Pol male 17W5 crimped					Mixed Pol female 17W5 crimped
A4	Position 1	AGND	Blue/Bleu	Thick	A4
A3		Vcc	Red/Rouge	Thick	A3
5		VccSen	green/vert	Thin	5
11		AGSen	White/Blanc	Thin	11
A2	Position 7	DGND	grey-black/gris-noir	Thick	A2
A1		Vdd	grey-red/gris-rouge	Thick	A1
1		VddSen	Brown/Brun	Thin	1
3		DGSen	white-blue/blanc-bleu	Thin	3
A5	Position 3	HVBias	white-violet/blanc-violet	Thin	A5
12		HVRet	white-grey/blanc-gris	Thin	12
8	Position 4	VcSel	white-red/blanc-rouge	Thin	8
NC		spare line	white-black/blanc-noir	Thin	NC
7		Select	white-green/blanc-vert	Thin	7
2		Reset	white-yellow/blanc-jaun	Thin	2
10	Position 6	T1 (Temp 1)	yellow/jaune	Thin	10
4		T2 (Temp 2)	Brown/Brun	Thin	4
9		PINBias	black/Noir	Thin	9
6	Position 8	Drain / tresse	Non-insulated	Non-insulated	6

hood: metalized plastic hood

hood: metalized plastic hood

Cable Length: 30m (pre-cut)

Final TypeIV

Assembly Atlas SCT type IV cable (Leoni LEHC 400 rev 3)

Connector 1 pin	Cable Position	Cable Line	Cable Color	Line Diameter	Connector 2 socket
				Mm	
Mixed pol male 17W5 crimped					Mixed pol female 17W5 crimped

A4	Position 3	AGND	Blue/Bleu	Thick	A4
A3	Position 3	Vcc	Red/Rouge	Thick	A3
5	Position 4	VccSen	white-red/blanc-rouge	Thin	5
11	Position 4	AGSen	white-green/blanc-vert	Thin	11
A2	Position 3	DGND	grey-black/gris-noir	Thick	A2
A1	Position 3	Vdd	grey-red/gris-rouge	Thick	A1
1	Position 4	VddSen	white-yellow/blanc-jaune	Thin	1
3	Position 4	DGSen	white-black/blanc-noir	Thin	3
A5	Position 2	HVBias	white-violet/blanc-violet	Thin	A5
12	Position 2	HVRet	white-grey/blanc-gris	Thin	12
8	Position 1	Vtsel	green/vert	Thin	8
NC	Position 1	spare line	white/blanc	Thin	NC
7	Position 1	Select	white-brown/blanc-brun	Thin	7
2	Position 1	Reset	white-blue/blanc-bleu	Thin	2
10	Position 7	T1 (Temp 1)	yellow/jaune	Thin	10
4	Position 7	T2 (Temp 2)	Brown/Brun	Thin	4
9	Position 7	PINBias	black/Noir	Thin	9
6	Position 5	Drain / tresse	Non-insulated	Non-insulated	6

hood: non-conductive plastic hood

hood: metalized plastic hood

Cable Length: 50m