

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-40 °C TO +90°C(90%RH MAX)	STORAGE TEMPERATURE RANGE	-40 °C TO +90°C(90%RH MAX)
	POWER	_____ W	CHARACTERISTIC IMPEDANCE	75 Ω (0 TO 1.5 GHz)
	PECULIARITY	_____	APPLICABLE CABLE	CO-6FPFA-SB-CX75 1×0.16 :HITACHI CABLE CO.,LTD.
	RATED VOLTAGE	_____		

SPECIFICATIONS				
ITEM	TEST METHOD	REQUIREMENTS	QT	AT

CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	<input type="checkbox"/>	<input type="checkbox"/>
MARKING	CONFIRMED VISUALLY.		<input type="checkbox"/>	<input type="checkbox"/>

ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	10 mA MAX (DC OR 1000 Hz).	CENTER CONTACT 2.15(L-1.6)+40 mΩ MAX.	<input type="checkbox"/>	<input type="checkbox"/>
		OUTER CONTACT 0.09(L-1.6)+20 mΩ MAX.	<input type="checkbox"/>	<input type="checkbox"/>
INSULATION RESISTANCE	250 V DC.	500 MΩ MIN.	<input type="checkbox"/>	<input type="checkbox"/>
VOLTAGE PROOF	300 V AC FOR 1 min.(CURRENT LEAKAGE 2mA MAX.)	NO FLASHOVER OR BREAKDOWN.	<input type="checkbox"/>	<input type="checkbox"/>
VOLTAGE STANDING WAVE RATIO	FREQUENCY 0.045 TO 1.5 GHz.	VSWR 1.25 MAX.	<input type="checkbox"/>	-
INSERTION LOSS	FREQUENCY _____ TO _____ GHz	_____ dB MAX.	-	-

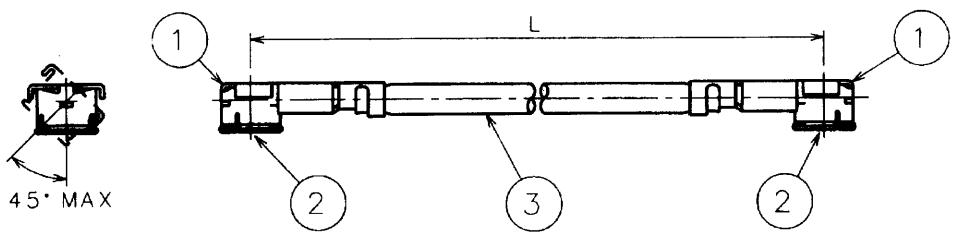
MECHANICAL CHARACTERISTICS				
CABLE CLAMP ROBUSTNESS (AGAINST CABLE PULL)	APPLYING A PULL FORCE THE CABLE AXIALLY AT 14.7 N MAX.	① NO WITHDRAWAL AND BREAKAGE OF CABLE. ② NO BREAKAGE OF CLAMP.	<input type="checkbox"/>	-
<p>FOR REFERENCE ONLY</p> <p>Subject to change without notice</p>				

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
NOTE 1. L : CABLE LENGTH (mm)	<i>S. Yamane</i>	<i>S. Yamane</i>	<i>M. Yamane</i>	<i>Kobayashi</i>	
Unless otherwise specified, refer to JIS C 5402.	98.6.23	98.6.23	98.6.23	98.6.23	

Note QT:Qualification Test AT:Assurance Test ○:Applicable Test			PART NO.	
<b>HRS</b> HIROSE ELECTRIC CO., LTD.		SPECIFICATION SHEET		H.FL75-2LP-084H-A-L
CODE NO.(OLD)	DRAWING NO.	PART NO.	1/1	
CL	ELC4-133538	CL321-2151-2		

TO  
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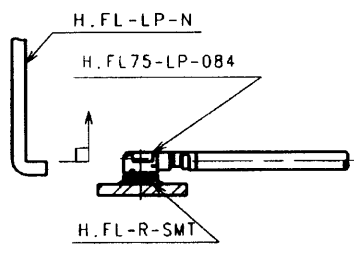
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PART NO.	CODE NO.	L (mm)
H.FL75-2LP-084H-A-40	CL321-2151-2-01	40±4
H.FL75-2LP-084H-A-50	CL321-2151-2-02	50±4
H.FL75-2LP-084H-A-60	CL321-2151-2-03	60±4
H.FL75-2LP-084H-A-70	CL321-2151-2-04	70±4
H.FL75-2LP-084H-A-80	CL321-2151-2-05	80±4
H.FL75-2LP-084H-A-90	CL321-2151-2-06	90±4
H.FL75-2LP-084H-A-100	CL321-2151-2-07	100±4
H.FL75-2LP-084H-A-110	CL321-2151-2-08	110±4
H.FL75-2LP-084H-A-120	CL321-2151-2-09	120±4
H.FL75-2LP-084H-A-130	CL321-2151-2-10	130±4
H.FL75-2LP-084H-A-140	CL321-2151-2-11	140±4
H.FL75-2LP-084H-A-150	CL321-2151-2-12	150±4
H.FL75-2LP-084H-A-160	CL321-2151-2-13	160±4
H.FL75-2LP-084H-A-170	CL321-2151-2-14	170±4
H.FL75-2LP-084H-A-180	CL321-2151-2-15	180±4
H.FL75-2LP-084H-A-190	CL321-2151-2-16	190±4
H.FL75-2LP-084H-A-200	CL321-2151-2-17	200±4
H.FL75-2LP-084H-A-300	CL321-2151-2-18	300±8
H.FL75-2LP-084H-A-400	CL321-2151-2-19	400±8
H.FL75-2LP-084H-A-500	CL321-2151-2-20	500±8
H.FL75-2LP-084H-A-600	CL321-2151-2-21	600±12
H.FL75-2LP-084H-A-700	CL321-2151-2-22	700±12
H.FL75-2LP-084H-A-800	CL321-2151-2-23	800±12
H.FL75-2LP-084H-A-900	CL321-2151-2-24	900±12
H.FL75-2LP-084H-A-1000	CL321-2151-2-25	1000±12

**【PRECAUTIONS FOR HANDLING】**

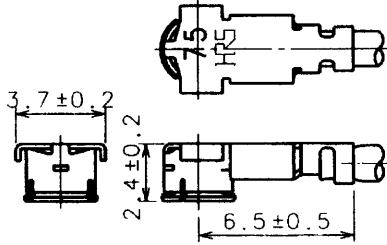
- ◆Connector insertion and extraction
  - Connector shall be extracted vertically by specialised extraction JIG.  
Part No.: H.FL-LP-N (CL Code: CL331-0551-7)  
Never hold the cable when extracting the cable because it damages the connector.
  - Insert the connector as perpendicularly to the mating surface as possible by aligning the mating axes of both connectors. Do not excessively slant the connectors when inserting.



**Cable length tolerance**

L (mm)	Standard tolerance
35 ≤ L ≤ 200	±4 mm
200 < L ≤ 500	±8 mm
500 < L ≤ 1000	±12 mm
1000 < L	±1.5% mm

**【DIMENSIONS OF CONNECTOR】**



2	H.FL75-CONTACT	CL331-0550-4	3	CO-6FPFA-SB-CX75	HITACHI CABLE CO., LTD
1	H.FL75-LP-084(01)	CL331-0541-3-01			
NO.	PART NO.	CODE NO.	NO.	PART NO.	MANUFACTURER

CODE NO. (OLD) CL	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
<b>FOR REFERENCE ONLY</b> Subject to change without notice	<i>M. Yamane</i>	<i>M. Yamane</i>	<i>M. Yamane</i>	<i>M. Kobayashi</i>	HRS 4.20.05 USA
	DATE: 98.6.23	DATE: 98.6.23	DATE: 98.7.23	DATE: 98.7.23	

SCALE FREE	DRAWING NO. EDC4-133538	PART NO. H.FL75-2LP-084H-A-L
UNITS mm	<b>HRS</b> HIROSE ELECTRIC CO., LTD.	CODE NO. CL321-2151-2

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