

Applicable standard					
Rating	Operating temperature range	-40 °C to +105 °C(90 %RH Max.)	Storage temperature range	-40 °C to +90 °C(90 %RH Max.)	
	Power	-- W	Characteristic impedance	50 Ω(0 to 8 GHz)	
	Peculiarity	----	Applicable cable	0.81 Dia. coaxial cable.	
SPECIFICATIONS					
ITEM		TEST METHOD		REQUIREMENTS	QTAT
CONSTRUCTION					
General examination		Visually and by measuring instrument.		According to drawing.	
ELECTRICAL CHARACTERISTICS					
Insulation resistance		100 V DC.		500 MΩ Min.	X X
Withstanding voltage		200 V AC for 1 min. current leakage 2 mA Max.		No breakdown.	X X
Voltage standing wave ratio	<div>①</div>	Frequency 0 to 3 GHz. Frequency 3 to 6 GHz. Frequency 6 to 8 GHz.		VSWR 1.3 Max. VSWR 1.4 Max. VSWR 1.6 Max.	X—
MECHANICAL CHARACTERISTICS					
Cable clamp strength (Against cable pull)		Using a pulling tester, pull the cable axially at a rate of 10 mm/min. and record the strength at which the cable or connector breaks.		7 N Min.	X—
	Count	Description of revisions	Designed	Checked	Date
<div>⚠</div>					
Remark			Approved	NK.NINOMIYA	20230608
Notes <div>①</div> VSWR is measured with SMA conversion adapters attached to both ends of the applicable cable assembled.			Checked	NK.NINOMIYA	20230608
2. “L” at the end of the product name indicates the cable length (unit:mm).			Designed	MK.INOUE	20230608
3. Specifications are subject to change without notice.			Drawn	MK.INOUE	20230608
Unless otherwise specified, refer to IEC 60512.					
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.		
<div>HRS</div>	SPECIFICATION SHEET		Part No.	X.FL-LP9-04**TV-A-L	
	HIROSE ELECTRIC CO., LTD.		Code No.	<div>⚠</div>	1/1