

Applicable standard			
Rating	Operating temperature range	-40 °C to $\triangle_1$ +105 °C( 90 %RH Max.)	Storage temperature range -40 °C to +90 °C( 90 %RH Max.)
	Power	- W	Characteristic impedance 50 $\Omega$ ( 0 to $\triangle_1$ 8 GHz)
	Peculiarity	-	Applicable cable 0.50 Dia. coaxial cable.
<b>SPECIFICATIONS</b>			
ITEM	TEST METHOD	REQUIREMENTS	QT   AT
<b>CONSTRUCTION</b>			
General examination	Visually and by measuring instrument.	According to drawing.	X   X
<b>ELECTRICAL CHARACTERISTICS</b>			
Insulation resistance	100 V DC.	500 M $\Omega$ Min.	X   X
Withstanding voltage	200 V AC for 1 min. current leakage 2 mA Max.	No breakdown.	X   X
Voltage standing wave ratio	$\square_1$ Frequency 0 to 3 GHz.	VSWR 1.3 Max.	X   -
	$\triangle_1$ Frequency 3 to 6 GHz.	VSWR 1.4 Max.	
	Frequency 6 to 8 GHz.	VSWR 1.5 Max.	
<b>MECHANICAL CHARACTERISTICS</b>			
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
$\triangle_1$ 3	DIS-D-00010327	MK. INOUE	NK. NINOMIYA   20220113
Remark		Approved	NK.NINOMIYA   20160723
NOTE $\square_1$ VSWR was measured with SMA conversion adapters attached to both ends of the applicable cable assembled.		Checked	MT.KANEKO   20160723
2. Specifications are subject to change without notice.		Designed	MS.MATSUMOTO   20160723
3. Halogen free.		Drawn	MS.MATSUMOTO   20160723
Unless otherwise specified, refer to IEC 60512.			
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test	Drawing No.	
<b>HRS</b>	SPECIFICATION SHEET	Part No.	X.FL-2LP9-032**TS-A-L
	HIROSE ELECTRIC CO., LTD.	Code No.	$\triangle_1$   1/1