

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 Ω (0 to \triangle_1 8 GHz)			
	Peculiarity	-	Applicable cable	0.50 Dia. coaxial cable.			
SPECIFICATIONS							
ITEM		TEST METHOD		REQUIREMENTS		QT	AT
CONSTRUCTION							
General examination		Visually and by measuring instrument.		According to drawing.		X	X
ELECTRICAL CHARACTERISTICS							
Insulation resistance		100 V DC.		500 M Ω Min.		X	X
Withstanding voltage		200 V AC for 1 min. current leakage 2 mA Max.		No breakdown.		X	X
Voltage standing wave ratio	\triangle_1	Frequency 0 to 3 GHz.		VSWR 1.3 Max.			
		Frequency 3 to 6 GHz.		VSWR 1.4 Max.		X	-
		Frequency 6 to 8 GHz.		VSWR 1.5 Max.			
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	
\triangle_1	3	DIS-D-00010327		MK. INOUE	NK. NINOMIYA	20220113	
Remark				Approved	NK.NINOMIYA	20160723	
NOTE \triangle_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.			
HRS	SPECIFICATION SHEET			Part No.		X.FL-2LP9-032**TS-A-L	
	HIROSE ELECTRIC CO., LTD.			Code No.		\triangle_1	1/1