

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.	X -
		Frequency 3 to 6 GHz.		VSWR 1.4 Max.	
		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 NOTE \triangle_1 VSWR was measured with SMA conversion adapters attached to both ends of the applicable cable assembled. 2. Specifications are subject to change without notice. 3. Halogen free.			Approved	NK.NINOMIYA	20160723
			Checked	MT.KANEKO	20160723
			Designed	MS.MATSUMOTO	20160723
			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