

Feb.1.2025 Copyright 2025 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

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	50 Ω(0 to 12 GHz)		
	Peculiarity	----	Applicable cable	1.13 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 MΩ Min.	X	X	
Withstanding voltage	200 V AC for 1 min. current leakage 2 mA Max.		No breakdown. \triangle	X	X	
Voltage standing wave ratio	Frequency 0 to 3 GHz. Frequency 3 to 6 GHz. Frequency 6 to 12 GHz.		VSWR 1.3 Max. VSWR 1.4 Max. VSWR 1.7 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.		9.8 N Min.	X	—	
	Count	Description of revisions	Designed	Checked	Date	
\triangle	2	DIS-D-00011712	MS. MATSUMOTO	MT. KANEKO	20220509	
Remark	HALOGEN FREE			Approved	NK.NINOMIYA	20211027
Notes	\square 1 VSWR is measured with SMA conversion adapters attached to both ends of the applicable cable assembled. 2. "L" at the end of the product name indicates the cable length (unit:mm). 3. Specifications are subject to change without notice.			Checked	MT.KANEKO	20211027
Unless otherwise specified, refer to IEC 60512.			\triangle	Designed	MS.MATSUMOTO	20211027
				Drawn	MS.MATSUMOTO	20211027
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test		Drawing No.			
HRS	SPECIFICATION SHEET		Part No.	X.FL-LPP-068**T-A-L		
	HIROSE ELECTRIC CO., LTD.		Code No.		\triangle 1/1	