

Jun.1.2022 Copyright 2022 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 +105 °C( 90 %RH Max.)	Storage temperature range	-40 °C to +90 °C( 90 %RH Max.)	
	Power	-- W	Characteristic impedance	75 Ω( 0 to 12 GHz)	
	Peculiarity	----	Applicable cable	1.5 Dia. coaxial cable(Green)	
<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 MΩ Min.	X	X
Withstanding voltage	200 V AC for 1 min. current leakage 2 mA Max.		No flashover or breakdown.	X	X
Voltage standing wave ratio (Return Loss)	①	Frequency 0 to 3 GHz.	VSWR 1.3 Max. (17.7dB Min.)	X	-
		Frequency 3 to 12 GHz.	VSWR 1.5 Max. (13.9dB Min.)		
Insertion Loss	Frequency - to - GHz.		--- dB 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.		14.7 N Min.	X	-
Count	Description of revisions		Designed	Checked	Date
①					
Remark			Approved	NK.NINOMIYA	20200131
NOTE ① VSWR was measured with BNC(75)J-D.FL75J-BPA conversion adapters.			Checked	NK.NINOMIYA	20200131
2. Specifications are subject to change without notice.			Designed	YK.KIUCHI	20200131
HALOGEN FREE			Drawn	YK.KIUCHI	20200131
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.		DFL75-2LPP-084N9D-A-L
	HIROSE ELECTRIC CO., LTD.		Code No.		0 1/1

