

Applicable standard					
Rating	Operating temperature range	-20°C to 60°C	Storage temperature range	-40°C to 60°C (At packing)	
	Applicable cable	GI(50/125),OM3,24 fibers			
Specifications					
Item	Test method	Requirements	QT	AT	
Construction					
General examination	Visually and measuring instrument.	According to drawing.	X	X	
Marking	Confirmed visually.				
Optical characteristics					
Insertion Loss	Measurement at wavelength 850nm(LED).	1.5 dB max.(0.75dB*2)	X	-	
Mechanical characteristics					
Mating durability	Insertion and extraction number:5000	1. Insertion Loss: 1.5dB max.(0.75dB*2) 2. No breakage ,crack or looseness on components	X	-	
Vibration	Time : 2 hours in each direction Direction : 3 orthogonal axis Amplitude : Full width 1.5 mm Frequency range: From 10 to 55 Hz.		X	-	
Shock	Number of times : 10 times in each direction Direction : 3 orthogonal axis Acceleration : 981 m/s ² Duration of shock pulse : 6 ms in half sine wave.		X	-	
Environmental characteristics					
Temperature and humidity cycling	Humidity : 90 to 96% Temperature : -10 to +65°C Time : 240 hours (10 cycles)	1. Insertion Loss: 1.5dB max.(0.75dB*2) 2. No breakage ,crack or looseness on components	X	-	
Temperature cycling	Temperature : -40 to +75 °C , 42 cycles Time of a cycle: 8h (TELCORDIA GR-326-CORE)		X	-	
Resistance to dray heat	Temperature : +85°C for 240 hours		X	-	
Resistance to cold	Temperature : -40°C for 240 hours		X	-	
Salt mist	Salt mist:5% ,Time:48 hours		No heavy corrosion ruins the function.	X	-
Water resistance	Put the product under water for 1 min, with air pressure 4.9 kPa	No air leakage	X	-	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
①					
REMARK			APPROVED	MT. SHIBUTANI	16. 09. 23
A product corresponding to RoHS.			CHECKED	YY. HIYAMA	16. 09. 23
			DESIGNED	TY. SATO	16. 09. 23
			DRAWN	TY. SATO	16. 09. 23
			Note QT:Qualification Test AT:Assurance Test X:Applicable Test		
HRS	SPECIFICATION SHEET		PART NO.	MF11-2RF24M-01-2M	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL709-7105-0-00	▲ 1/1