







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),OM3,12 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).		0.75 dB max.		X	—
Mechanical characteristics						
Mating durability	Insertion and extraction number:5000		1. Insertion Loss r: 0.75dB max.  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: 0.75dB max.  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 dry 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	
	3	DIS-K-00000670	TY. SATO	YY. HIYAMA	16. 05. 30	
REMARK A product corresponding to RoHS.			APPROVED	MT. SHIBUTANI	15. 09. 25	
			CHECKED	YY. HIYAMA	15. 09. 25	
			DESIGNED	TY. SATO	15. 09. 25	
			DRAWN	TY. SATO	15. 09. 25	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-179724-00-00	
	SPECIFICATION SHEET		PART NO.	MF11BMT-WRBA01		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL709-7011-0-00		1/1