

Applicable standard			
Rating	Operating temperature range	-20°C to 60°C	Storage temperature range
	Applicable cable	GI(50/125),OM3,12 fibers $\Delta$	-40°C to 60°C (At packing)
<b>Specifications</b>			
Item	Test method	Requirements	QT AT
<b>Construction</b>			
General examination	Visually and measuring instrument.	According to drawing.	X X
Marking	Confirmed visually.		
<b>Optical characteristics</b>			
Insertion Loss	Measurement at wavelength 850nm(LED).	0.75 dB max.	X -
<b>Mechanical characteristics</b>			
Mating durability	Insertion and extraction number:5000	1. Insertion Loss: 0.75dB max. $\Delta$ 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 <sup>2</sup> Duration of shock pulse : 6 ms in half sine wave.		X -
<b>Environmental characteristics</b>			
Temperature and humidity cycling	Humidity : 90 to 96% Temperature : -10 to +65°C Time : 240 hours (10 cycles)	1. Insertion Loss: 0.75dB max. $\Delta$ 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
$\Delta$ 3	DIS-K-0000670	TY. SATO	YY. HIYAMA
REMARK		APPROVED	DATE
A product corresponding to RoHS.		MT. SHIBUTANI	15. 09. 25
		CHECKED	YY. HIYAMA
		DESIGNED	TY. SATO
		DRAWN	TY. SATO
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.	ELC-179725-00-00
<b>HRS</b>	SPECIFICATION SHEET	PART NO.	MF11BMT-WRFA01
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL709-7012-0-00 $\Delta$ 1/1