

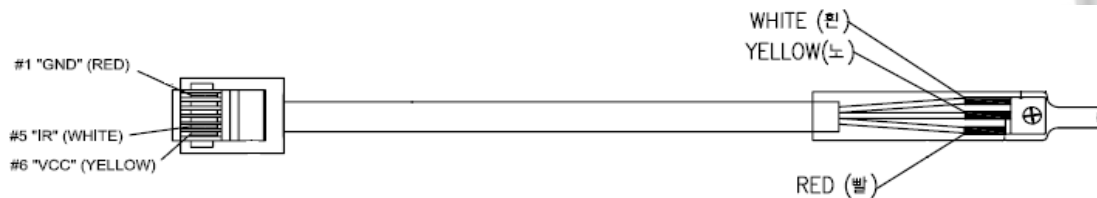
IR Sensor Assembly

IR Dimming Control for ML7550-V1/2 Series

Features

- Flexible shielded cable with SRM-356 -AUK
- Universal operation for ML7550-V1 / ML7550-V2A Series
- Reliable sensitivity wavelength (Arrival distance 10M)
- Assembly length : 1M (or more)

Pin Map & Description

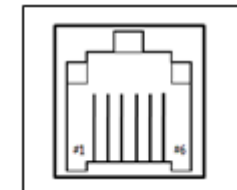


Electrical Characteristics

(Ta=25°C)

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit	
Supply Voltage	V_{cc}	-	4.5	5.0	5.5	V	
Current Consumption	I_{cc}	#1	0.3	-	1.5	mA	
Resonance Frequency	f_c	-	-	38	-	KHz	
Peak sensitivity wavelength	λ_p	-	-	980	-	nm	
H level output voltage	V_{OH}	#2	4.5	5.0	-	V	
L level output voltage	V_{OL}		-	0.2	0.4	V	
H level pules width	T_{wh}		500	-	700	us	
L level pules width	T_{wl}		500	-	700	us	
Arrival distance	L	#2,3,4	± 0	-	20	-	m
			± 30	-	15	-	
			± 45	-	10	-	
Output form	Active low						

Image



#1 2 3 4 5 6

IR Sensor



GND IR VCC

