

Combination chart: OMRON RFID system V680 series, amplifier, antenna, and RF tag

RF tag		Amplifier, antenna, extension cable	Separate amplifier type antenna								Built-in amplifier type antenna
			Maximum cable length: 62.5m								Maximum cable length: 30.5m
			Amplifier extension cable ¹								Model: V680-H01 Antenna extension cable
			Length (2/3/5/10/20/30)m								Length (2/5/10/20/30)m
			Model: V700-A40/41/42/43/44/45								Model: V700-A40-W
			Amplifier								
			Length 0.5/5/10m								
			For 1-kbyte RF tag Model: V680-HA63A				For 2-/8-kbyte RF tag Model: V680-HA63B				Built-in type
			Antenna (separate amplifier type)								Antenna (built-in amplifier type)
			Length: 2/12.5m								Length: 0.5m
		Model: V680-HS52	Model: V680-HS51	Model: V680-HS63	Model: V680-HS65	Model: V680-HS52	Model: V680-HS51	Model: V680-HS63	Model: V680-HS65	Model: V680-H01-V2	
1 kbyte	EEPROM type	Model: V680-D1KP52MT	○	○	○						
		Model: V680-D1KP53M	○	○							
		Model: V680-D1KP54T	○		○	○					
		Model: V680-D1KP66MT	○		○	○					
		Model: V680-D1KP66T	○		○	○					○
		Model: V680-D1KP66T-SP	○		○	○					
		Model: V680-D1KP58HTN				○					○
		Model: V680-D1KP52M-BT01	○	○							
Model: V680-D1KP52M-BT11	○	○									
2 kbytes	FRAM type	Model: V680-D2KF52M				○	○	○			
		Model: V680-D2KF52M-BT01					○	○			
		Model: V680-D2KF52M-BT11					○	○			
		Model: V680S-D2KF67M					○		○	○	
		Model: V680S-D2KF68M							○	○	
		Model: V680S-D2KF67					○		○	○	○
		Model: V680S-D2KF68							○	○	○
		Model: V680-D8KF67M					○		○	○	
8 kbytes	FRAM type	Model: V680S-D8KF67M						○	○		
		Model: V680-D8KF67					○		○	○	○
		Model: V680S-D8KF67					○		○	○	○
		Model: V680S-D8KF68M							○	○	
		Model: V680-D8KF68							○	○	○
		Model: V680S-D8KF68							○	○	○

*1: The maximum cable length is 40m (not including the amplifier). Two extension cables (maximum) can be connected to each other.

*2: The maximum cable length is 30m (not including the amplifier). Connection of the extension cables is not possible.