

Trio MODBUS RTU, TCP/IP (Mode 7)

Website : <http://www.triomotion.com>

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Trio MODBUS RTU, TCP/IP (Mode 7)		
PLC I/F	RS485	RS232/RS485/Ethernet	
Baud rate	9600	9600~115200	
Data bits	8	7, 8	
Parity	Even	Even, Odd, None	
Stop bits	1	1, 2	
Port no.	502		
PLC sta. no.	1	0-255	

Online simulator	YES	Broadcast command	YES
Extend address mode	YES		

PLC Setting:

Communication mode	Modbus RTU protocol
PLC mode	7 (IEEE floating point)

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	VR_Bit	DDDDdd	0 ~ 409631	
B	VR_INT_Bit	DDDDdd	0 ~ 409631	
B	Table_Bit	DDDDDDdd	0 ~ 3199931	
W	VR	DDDD	0 ~ 4096	
W	VR_INT	DDDD	0 ~ 4096	
W	Table	DDDDDD	0 ~ 31999	
W	Table_INT	DDDDDD	0 ~ 31999	

Wiring Diagram:

RS-232 9P D-Sub (Diagram 1 ~ Diagram 3)

Diagram 1

cMT Series *cMT3071 / cMT3072 / cMT3090 / cMT3103 / cMT3151*

eMT Series *eMT3070 / eMT3105 / eMT3120 / eMT3150*

MT-iE *MT8073iE / MT8102iE*

MT-XE *MT8092XE*

MT-iP *MT6103iP / MT8102iP*

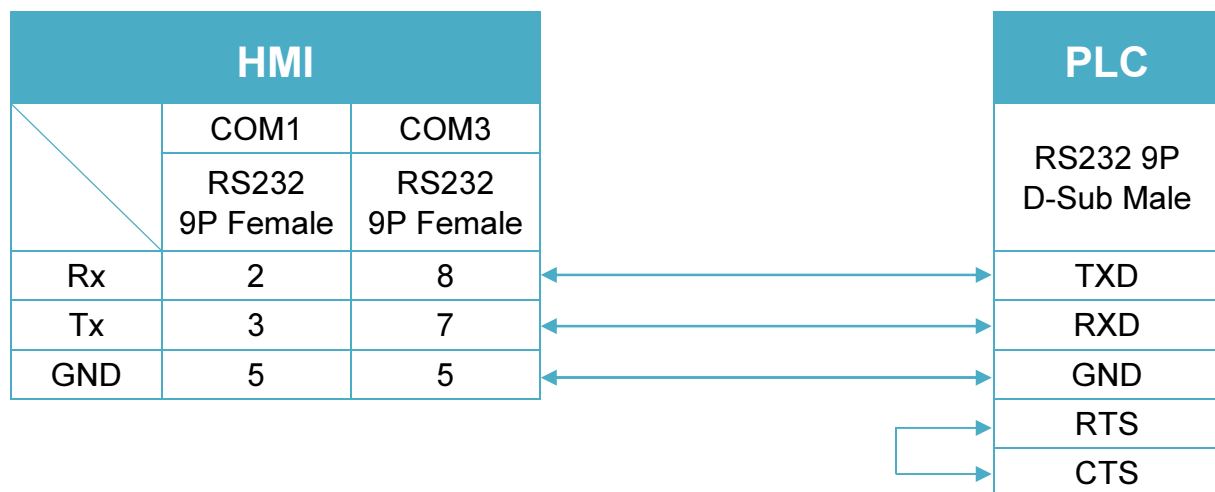


Diagram 2

cMT Series *cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD*

mTV *mTV*

MT-iE *MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE /
MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE /
MT8101iE / MT8102iE / MT8103iE*

MT-XE *MT8121XE / MT8150XE / MT8090XE*

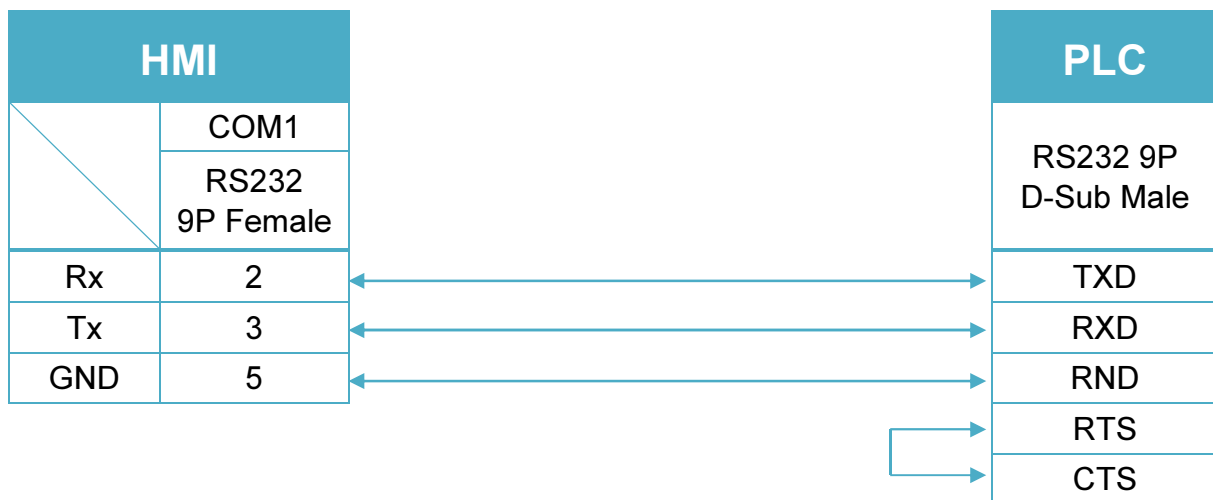
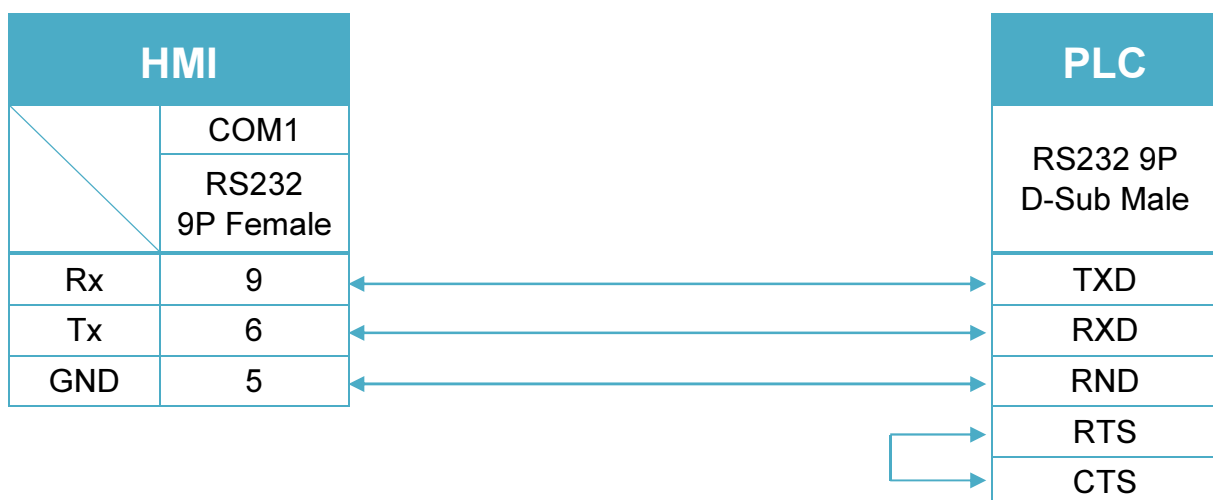


Diagram 3

MT-iE *MT8050iE / MT8053iE*

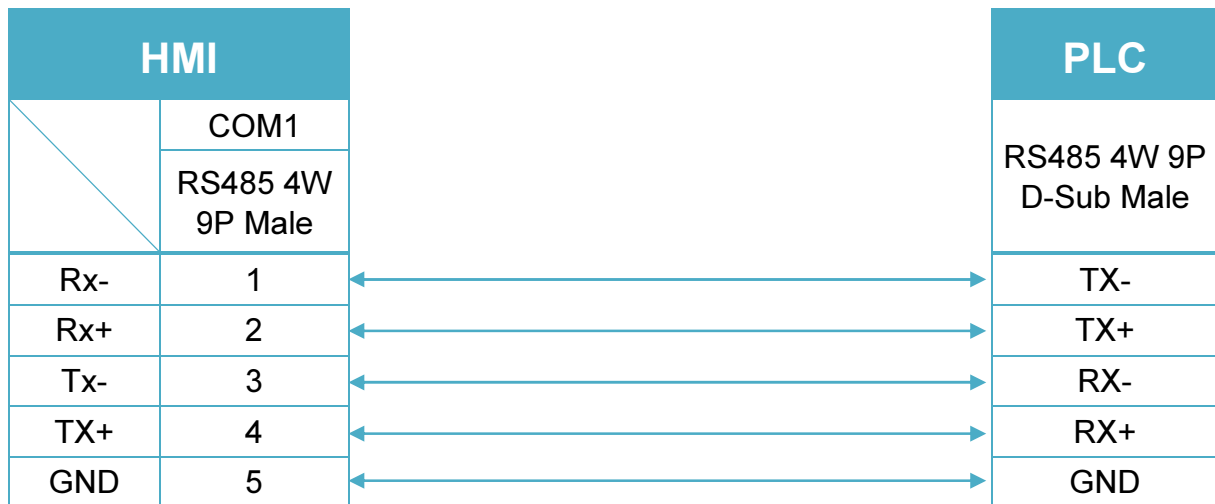
MT-iP *MT6051iP / MT8051iP / MT6071iP / MT8071iP*



RS-485 4W 9P D-Sub (Diagram 4 ~ Diagram 7)

Diagram 4

cMT Series	<i>cMT3151</i>
eMT Series	<i>eMT3070 / eMT3105 / eMT3120 / eMT3150</i>
MT-iE	<i>MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE</i>
MT-XE	<i>MT8121XE / MT8150XE</i>


Diagram 5

cMT Series	<i>cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD</i>
mTV	<i>mTV</i>

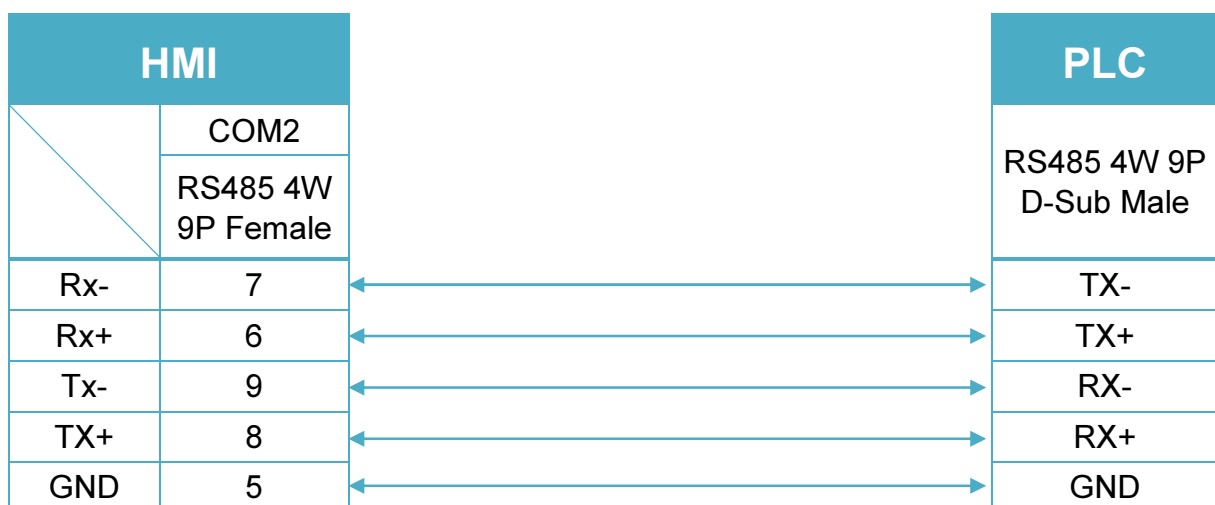


Diagram 6

cMT Series	<i>cMT3071 / cMT3072 / cMT3090 / cMT3103</i>
MT-iE	<i>MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE</i>
MT-XE	<i>MT8090XE / MT8092XE</i>
MT-iP	<i>MT6071iP / MT8071iP / MT6103iP / MT8102iP</i>

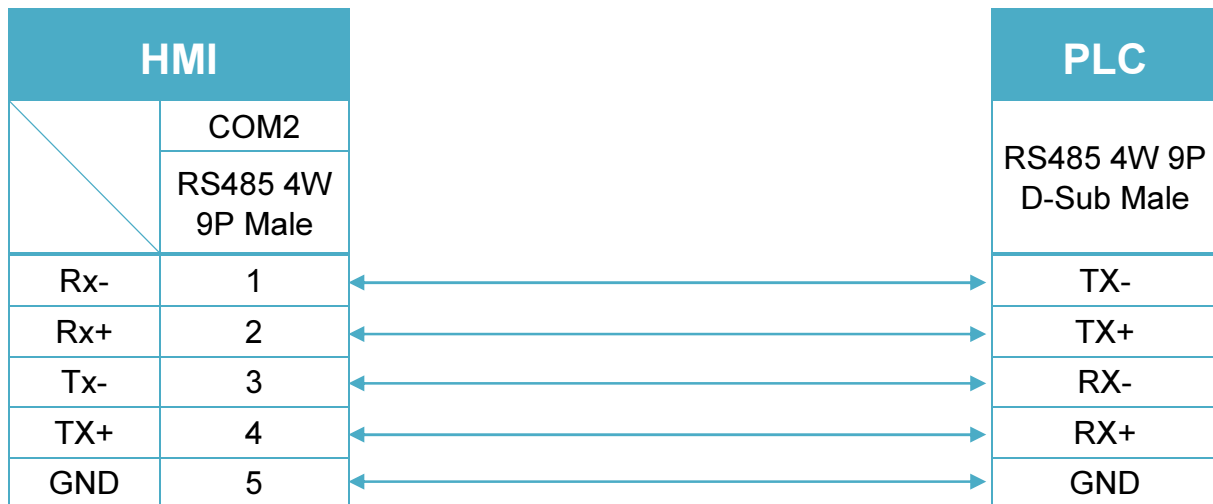


Diagram 7

MT-iE	<i>MT8050iE / MT8053iE</i>
MT-iP	<i>MT6051iP / MT8051iP</i>



RS-485 2W 9P D-Sub (Diagram 8 ~ Diagram 13)

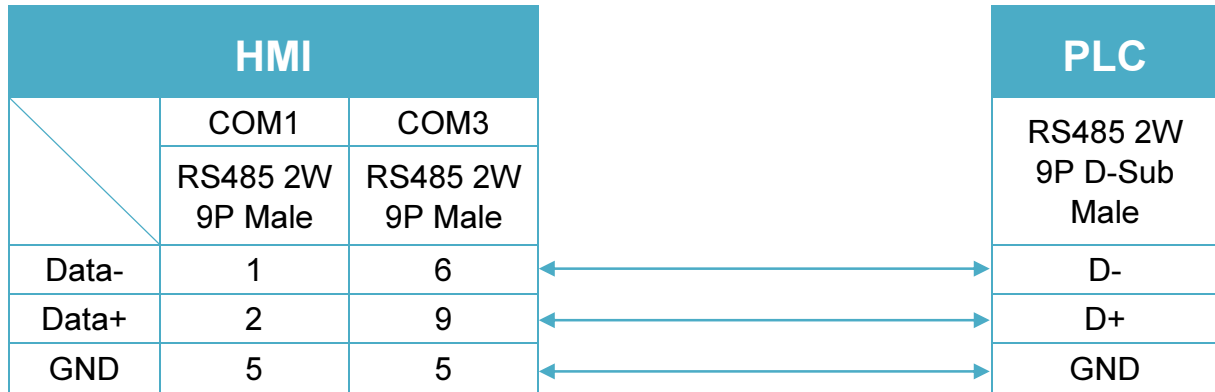
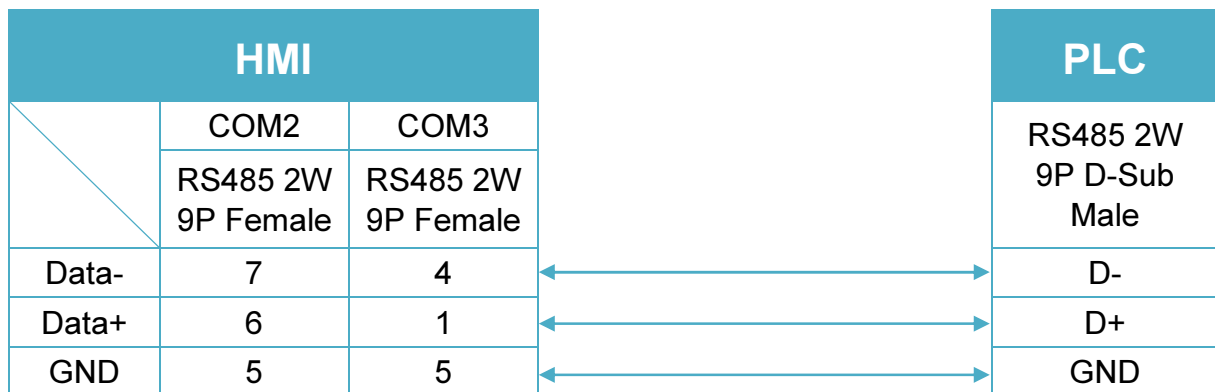
Diagram 8
cMT Series *cMT3151*
eMT Series *eMT3070 / eMT3105 / eMT3120 / eMT3150*

Diagram 9
cMT Series *cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD*
mTV *mTV*


Diagram 10

MT-iE *MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE*

MT-XE *MT8121XE / MT8150XE*

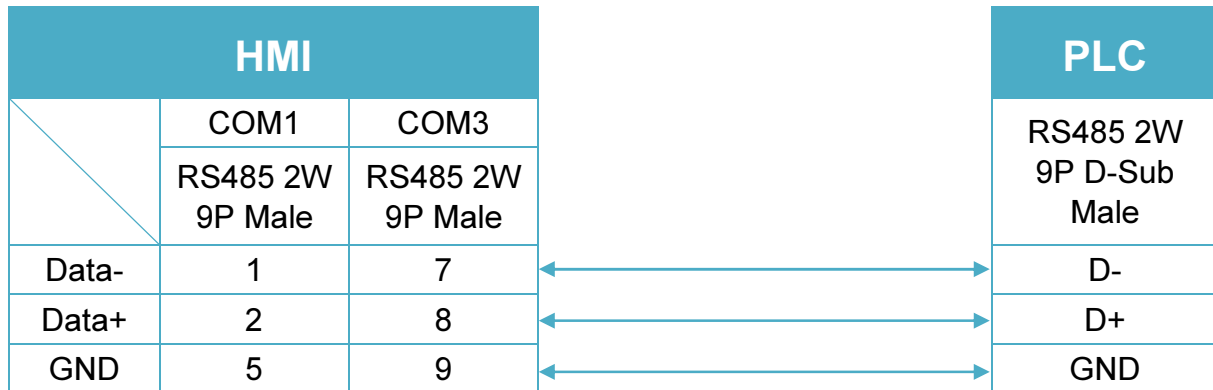


Diagram 11

cMT Series *cMT3071 / cMT3072 / cMT3090 / cMT3103*

MT-iE *MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE /
MT8101iE / MT8102iE / MT8103iE*

MT-XE *MT8090XE / MT8092XE*

MT-iP *MT6103iP / MT8102iP*

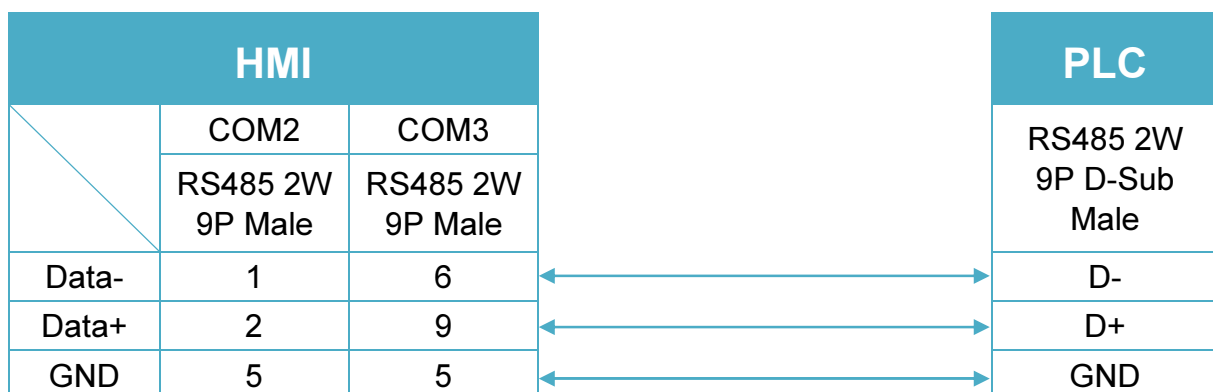


Diagram 12

MT-iE *MT8050iE / MT8053iE*

MT-iP *MT6051iP / MT8051iP*

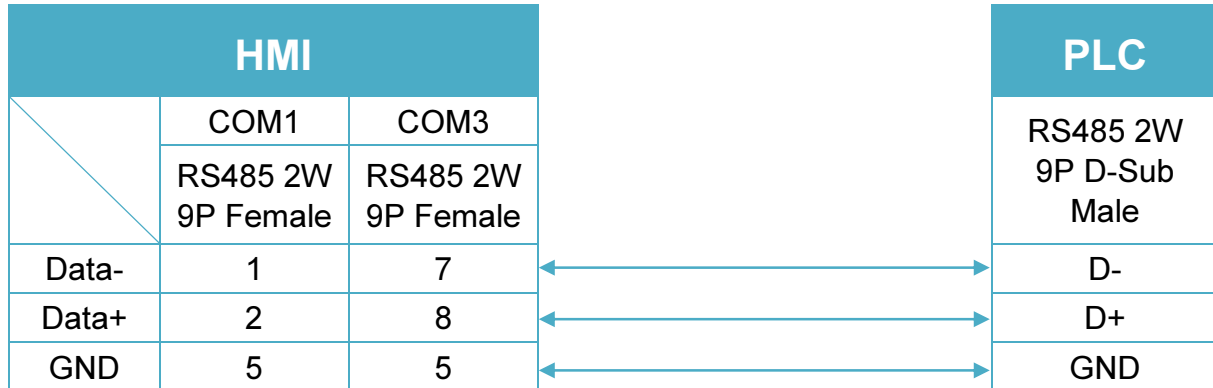


Diagram 13

MT-iP *MT6071iP / MT8071iP*

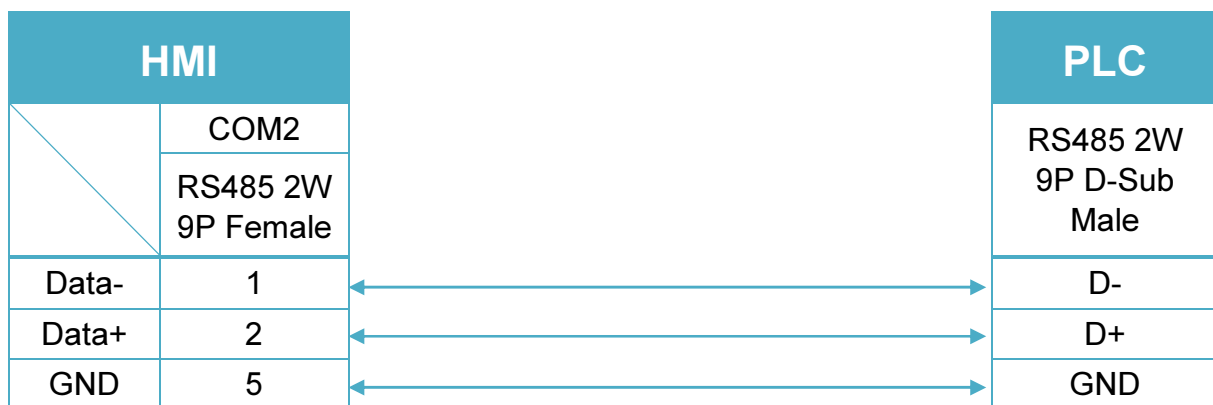


Diagram 14

Etehernet cable:

