



Pin Assignment :

Pin#(LHS)	Signal	Pin#(LHS)	Cable Type
A1,A12,B1,B12	GND_PWRrt1[GND_PWRrt2]	A1,A12,B1,B12	Spiral Shield
A4,A9,B4,B9	PWR_VBUS1[PWR_VBUS2]	A4,A9,B4,B9	Discrete
A5	CC	A5	Discrete
B5	PWR-VCONN	B5	Discrete
A6	UTP-Dp	A6	Twisted Pair
A7	UTP_Dn	A7	
A2	SDPp1	B11	Coaxial
A3	SDPn1	B10	Coaxial
B11	SDPp2	A2	Coaxial
B10	SDPn2	A3	Coaxial
B2	SDPp3	A11	Coaxial
B3	SDPn3	A10	Coaxial
A11	SDPp4	B2	Coaxial
A10	SDPn4	B3	Coaxial
A8	SBU_A	B8	Discrete
B8	SBU_B	A8	Discrete
Shell	Shield	Shell	

Specification :

Cable [(AWG32*1P+D+Mylar)*1+(AWG32*1Coaxial)*8+AWG26*4C+(AWG34*1C+Mylar)*3+AWG30*1C]+ Mylar+Braid+Jacket, OD: 4.4±0.2mm, Jacket Color: Black

Rev.	Date	Contents of Change	Designer	Tol±								Approve	Check	Draw	Design	Product Name	Product No.	
				Range	Pla	Met	Ins	Por	Cab	Pac	Gas	Dis	Allen	Allen	Kuan	ROLINE Thunderbolt™ 3 Cable, 40G, 5A, 0.5m, Black		
△1				0~6	0.1	0.1	0.1	0.2	0.5	1	0.5	0.2				2018-09-27	11.02.9040	
△2				6~30	0.1	0.1	.15	.25	1	1	0.5	.25						
△3				30~80	0.1	.15	0.2	0.3	2	1.5	1	0.3						
△4				80~180	.15	.15	.25	0.3	2	2	1	.45						
△5				180~315	.15	0.2	0.3	0.4	2.5	2	1	0.6						
				315~800	0.2	0.3	0.4	0.5	3	3	2	1.1	Scale	1 : 1	Unit	mm		